the importance of being nobody . . .



e.e. cummings (he spells it that way!) reading his highly controversial poetry to a nearly full house at Kresge Auditorium Monday evening.

Cambridge Skyline Object of MIT, HarvardPlot;PreliminariesBegun Elections; Classes' Minorities Win

Harvard and MIT have joined forces with some forward-thinking Cambridge citizens to overcome the local housing problem—and to improve the decrepit appearance of the city's riverfront acreage. The solution, proposed largely is an attempt to prod the City Fathers to similar action, will be in the form of an eleven-story-pluspenthouse apartment building on the Charles River across from the Harvard Business School.

The "New MIT"

The new building, which is now in the preliminary planning stages, will, along with the two twelve-story Harrard dormitories recently proposed for the same general location, mark the beginning of an architectural revolution in Cambridge, which may in the future see a thorough revamping of the MIT river frontage. According 10 Malcolm Rivkin, the Institute's Planning Officer, cost estimates for the "new MIT" should be ready this weekend; if so, architects will probably begin work next week on a scale model which will include, besides the existing buildings, the proposed living units, academic and administration bildings, parking facilities, student mion, etc.

Rough sketches and cost estimates are being made at the present time for the new apartment building, and plans for this also should be begun week if the preliminaries are approved by the five-man steering

Individualism Must Go Says Moscow In Educational Revamp

A proposed "reform" of Soviet edwation aims at stamping out indiidualism and non-conformity among Soviet youth, according to Radio Libfration, which broadcasts Western Mopaganda around the clock to all Parts of the Soviet Union, in Russian and 17 other Soviet languages, from Dowerful transmitters in West Germany and the Far East.

These reforms in the Soviet edutation system are part of Khrushthev's latest pet project. The new scheme is to include the following: (1) An additional year added to the Present 7-year general schooling. (2) Establishment of the new Soviet loarding schools, which Moscow bedeves to be the ultimate school of the

(3) Greater control of education by the State will allow State planang of the total labor force in years to come. (4) A re-education program for many of the 2,000,000 USSR leachers. (5) Better testing procedares for student candidates for top Russian technical schools. Choice is

(Continued on page 3)

committee, composed of a representative from MIT, one from Harvard, and three leading Cambridgites. The hundred-unit dwelling will be open to the general public, but special consideration will be given Harvard and MIT faculty and students. The units will largely be two-bedroom, \$150 per month apartments, similar to those at 100 Memorial Drive. The dwellers will have to supply an equity, but this, combined with the payments on the mortgage, will result in a sizeable kickback on their federal income tax, because of the interest involved. Rather than paying rent, they will be paying off a mortgage. As a result, after a certain number of years, they will own the apartment. During the interlude, if they so desire, they can sell their apartment and get back the

Outing Club Injury On Katadin Climb Takes Long Rescue

Tragedy marred MIT Outing Club's annual Thanksgiving climb at Mt. Katahdin, Maine, when Bill Miskoe '60, slid and tumbled over 100 feet down a steep headwall onto rocks below, breaking his pelvis and sustaining kidney injuries.

The club had arrived at Chimney Pond, elevation 2,900 feet, on Thanksgiving day, setting up a base camp there. On a bright, clear Friday morning the party set out for the peak via "Saddle Trail". A four-inch layer of snow coated the ground. The accident occurred during the descent to camp after reaching the 5,260-foot summit of the mountain.

The geology major had been aiding novice climbers as they negotiated an ice covered headwall clinging to a 200-foot rope. As the last novice climber traversed the ice covered face to a safe snow patch, Miskoe, along with companion Walter Godchaux '60, began the descent, chopping ice steps as they edged down the mountainside.

Suddenly, both men began sliding as they crossed a slippery patch. Godchaux managed to arrest himself with his ice ax, but Miskoe's ax was apparently wrenched from his hands as he tried desperately to stop his fall. He slid faster and faster down the nearly vertical face, striking and tumbling over the treacherous rocks

A rescue party reached the injured climber as early evening shadows began to settle over the mountainside. While Miskoe was covered with sleeping bags, two men rushed to the base camp at Chimney Pond, securing a mountain litter.

(Continued on page 3)

Tech Activities To Get \$46,631 For The 1958-59 Annual Budget

A budget totaling \$46,631 has been awarded the MIT Undergraduate Association for the year 1958-1959. Approved last month by the Finance Board, the new budget showed increased allotments to activities to the tune of \$7,000 over last year's expenditures.

The overall allotment to the Association is slightly lower than last year, however, due to a decrease in the number of undergraduate students this year, each of whom contributes \$13 as part of his general fee. Yet despite this decrease in total allotments, a reserve fund has been substantially supplemented so as to meet rising costs and inflationary trends, since the \$13 donation per student will continue in effect despite spiralling prices.

\$23,930 Awarded Activities

Activities were awarded a total of \$23,930. Of these, Technology Community Association received \$11,000; Institute Committee and its various sub-committees received \$14,180; while \$9,500 went into reserves for various purposes, such as travel funds and capital equipment purchases.

Activities had requested \$42,374, but found themselves with \$4,264 trimmed off by the Finance Board. The board, after careful consideration in each case, grants monies to activities on the basis of their operation's benefit to the MIT community as a whole, according to Chuck Staples '59, Chairman.

JP, SW Voting Marked by Ill-Run

In last week's elections, ten seniors and five juniors were officially elected to the '59 Senior Week and '61 Junior Prom Committees, respectively.

Because of his position last year as Junior Representative to Senior Week Committee, Rich Simons, Lambda Chi Alpha, will serve as a member of the SW Committee. Although tradition has automatically made the previous JRSWC the chairman of the group, Simons has deferred the dubious honor to another member of the group who will be chosen at the first meeting. Those elected were:

John Christie.....Phi Delta Theta Mike DrewDelta Upsilon Bob KeeneDelta Upsilon Al KniazzehPhi Gamma Delta Kent Kresa

George LangfordDelta Upsilon Hank SiltanenDelta Upsilon Roger TravisPhi Kappa Chris WardDelta Upsilon Glenn Zeiders.....Phi Delta Theta

A sixth member of the JP Committee will be chosen when the class elects its new prexy, since one of his duties is JP Chairman. The JP elected group, listed below, can choose sev-

Annual TCA Charity Drive Starts Dec. 9; Slipstick Reveals All

On December 9, 10, and 11, T.C.A. representatives will be calling on Techmen to give to the annual T.C.A. Charities Drive. Solicitors for the four charities selected will be aided by a "Slide rule" in Building 10 which will denote progress towards the \$7,-

The seven-foot slipstick, to be presented to the living group making the largest per capita contribution, contains scales providing the vital statistics of any coed. As the money contributed mounts, so does the center slide, revealing a scantily-clad beauty. Attainment of the mark of \$2.00 per student will reveal all.

The World University Service, the United Fund, Care, and The Heart Association are the four charities to which students will contribute, designating which one will receive their contribution.

Past drives, which collected about \$.50 per student, in contrast with the average of six dollars of neighboring institutions, were unsuccessful in part because persons living outside the dorms did the collecting. This year, individuals living in a house will do the soliciting in that house, except for East Campus, which will be covered by DeMolay.

eral more members if they wish: Peter Burleson......Phi Gamma Delta John Disbrow......Phi Delta Theta Dorsey DunnLambda Chi Alpha Ira JaffeAlpha Epsilon Pi Miss Marla Moody.....Bexley Hall

Editorial

For years, as in our national elections, it has been the custom for voters to avoid the polls on election day. For a student group, the MIT men (and women) have set in past elections, particularly this one, what are probably record lows in voting-and aspiring for elective offices. You ask for facts? About 125 seniors and 275 juniors, both out of classes of close to 900, bothered to go to the polls. While SW took ten and JP took five candidates, little more than these same numbers applied for the offices, including write-ins. The students at the Institute, I realize, are too busy to worry about these minor details of democracy-as possibly are the members of the group that planned the thoroughly fouled-up elections, e.g. names that appeared on the ballots that should not have been there. These elections did only decide members of social committees of sorts, but they did, nevertheless, conform to the normal lackadaisical pattern. MIT requires study and hard work-but there's more to living than simply following one's profession.

News Director

The Student Union Committee's request was cut slightly since the Board felt that the building of a student union was not close at hand, and the full worth of the convention was not enjoyed by the undergraduates. Also shaved was Beaver Key's request for freshmen team-feedings money. It was felt that, while freshman teamfeedings are a very worthwhile activity, the additional expense was not as beneficial to the Undergraduate Association as it was to MIT in general, since many of the teams played are prep schools. The Board urged that Beaver Key take steps to obtain additional funds from the AA, or directly from the Institute.

Greater Reserve Funds

Included in the increased reserves is a \$3,500 contingency fund available to newly formed activities; a \$3,000 capital expenditures fund, existing for the purpose of supplying eligible groups on campus with funds necessary for the acquisition of capital assets; a \$1,000 good will and service fund, set up to include items which are not legitimate requests under Inscomm By-Laws but at the same time are a benefit to the MIT Community; a \$2,500 loan fund for Tech Show (\$2,000) and Glider Club (\$500) and a travel expense fund of \$1,000.

According to Chuck Staples, the increase in money available to the various activities should considerably strengthen their functions, make them more significant to the MIT undergraduate, and increase their value to the community.

WINTER SPORTS

See pages four and five for previews of MIT winter athletics plus an on-the-spot account of the varsity cagers' resounding opening game victory over Bowdoin, Wednesday night.



Spurred on by sirens and the smell of smoke, axe-flailing Cambridge firemen launched an attack on this blazing Westgate house Wednesday. Much wrenching of boards and splintering of glass pierced the air as the unit met its inevitable, but slightly premature, end. Just how clever is the budget conscious Institute? Matches are a budget's best friend!

The



Tech

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Stephen M. Samuels '59 Chairman
John J. McElroy '59 Managing Editor
Kenneth F. Reinschmidt '60 Business Manager
Philip E. Beath, Jr. '59 Editor
Glenn W. Zeiders '59 News Director
Sports Director

editorial

Congratulations are in order for Dr. Julius A. Stratton on his election to President of MIT by the corporation; likewise thanks are due to ex-President James R. Killian, Jr. for a most excellent performance. MIT is now most fortunate to have the best administrative scientist available for its President and the most efficient fund-raiser as the Chairman of the Board of the Corporation.

Some might feel that the election of Dr. Stratton was a mere formality, while others, such as the Boston press, have indicated that the push came from Dr. Killian's duties and connections in Washington. We feel that the true motivation for the change was definitely from within MIT and that it was a very necessary move. With Dr. Stratton at the helm in the capacity of Acting President there has been evidenced an atmosphere of stagnation. There has been some decline in the showing of long range planning and the projection and start of building and development programs. One example of this is the lethargic condition into which the dormitory building program has fallen following a lively discussion of the subject after the publication of the Ryer Report some time ago. In order to return the Institute to the usual "momentum" of new developments, it has been advisable to put the presidency under the full control of one man. We are happy that this has been done and are quite satisfied with the man in that most honored position. We may now look forward to the evolution of new horizons and pleasing results.

—PEB, Jr.

letters

TO THE EDITOR OF THE TECH:

REGARDING PRESIDENT KILLIAN'S RESIGNA-TION: I HAD NOT DREAMED HE WOULD TAKE SO SERIOUSLY MY LITTLE PIECE IN DECEMBER ATLANTIC ABOUT TECH STUDENTS' ATTIRE.

CHARLES W. MORTON

reviews

e. e. cummings

It is always difficult for an author to interpret his own works: very few composers nowadays can play their own concertos and it is well known that the worst performances of the "Rhapsody in Blue" features George Gershwin himself. The same idea is true for poets, and e. e. cummings reinforced the tradition Wednesday night. His reading brought up a sad fact about MIT: from the choice of poems read during the performance it was quite obvious that Mr. Cummings considers the average MIT student as an engineer and not more than that, incapable of appreciating a true work of art; this general impression of our intellectual poverty is offensive and disturbing. Mr. Cummings seemed to choose jokes rather than poetry and left the audience with an impression of emptiness and almost nothing for philosophical consideration. For those who knew Mr. Cumming's poetry and his confusing but deep play, Him, it was rather a shock to hear trivialities and bad prose in a monotonous commercial voice; but that is what the audience unfortunately got out of the Wednesday performance. It is true, however, that Mr. Cumming's impression was partly correct in the choice of the poems read: the audience laughed, giggled, chuckled and clapped at the funny punsin-form-of-poems and remained in a desperate and puzzled silence whenever Mr. Cummings took a deep breath and read some serious piece. Nevertheless it was disappointing to sit and listen to the less valuable works of e. e. cummings mischosen by the commercial lecturer Mr. Cummings. Credit must be given to the L.S.C. for this attempt and if the evening wasn't entirely successful it is certainly not to be blamed.

John Pierre Frankenhuis '61

half notes

We think that two very encouraging and complementary points were proven two weekends ago. The near-capacity crowd at Kresge for the MIT Symphony concert bore striking testimony to (1) the talents and achievements of our performing musical groups and (2) the widespread interest and appreciation of the MIT community.

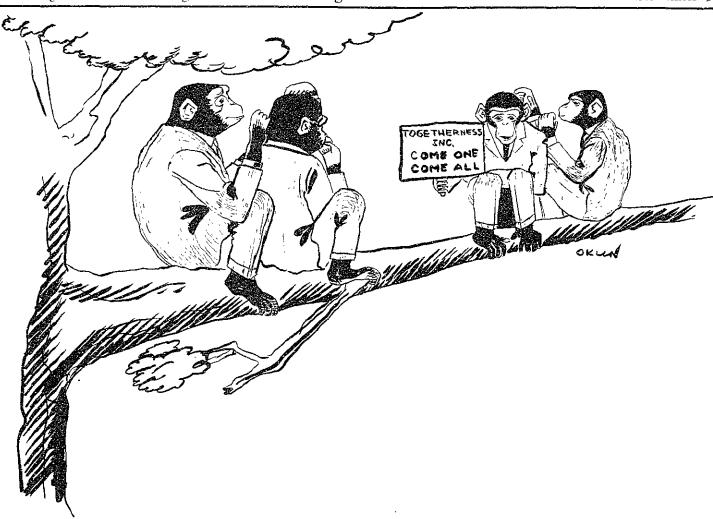
At risk, perhaps, of patting ourselves too much on the back, it is interesting to draw parallels between a representative MIT group—say the orchestra—and a corresponding organization from a liberal arts college. To present for public performance a program comparable in difficulty to our past concert, the very minimum rehearsal time would have probably been triple for another orchestra. And rightly so. Many of the individual players would be music majors; some receiving academic credit for their efforts.

In certain schools, to miss a rehearsal is a crime just short of high treason. And individual practice at home is considered to be as much homework as is a calculus assignment. But what happens at MIT? Certainly two quizzes scheduled the morning after a rehearsal is a valid reason for skipping that rehearsal. "After all," says the student, "my primary mission at MIT is not music. Studies must come first." So Klaus Liepmann or John Corley gets another grey hair.

But as we said before, both Klaus and John are understandably aware of academic priority. What is apt to bother both men, however, is a non-excusable attitude of complacent acceptance of mediocrity on the part of many students who feel "Why bother? We're not expected to be like BSO, so why try to sound like them? After all, this is a technical school, not a Juilliard."

This weekend next, these MIT musical groups will present concerts at Kresge. Tonight at 8:30, Klaus Liepmann will conduct the Glee Club in a joint concert with Wheelock. Also on the program will be featured the brass choir under John Corley. And to round out a busy weekend, Klaus will conduct the Choral Society on Sunday afternoon at 3 p.m. The offering is Purcell's "The Fairy Queen," accompanied by a 17-piece chamber orchestra. Tonight's concert is free; Sunday's admission is a modest \$1.50. Next weekend the Concert Band will present the form concert. All three of these programs are more than worth the fullest support of the MIT family.

---Mort Achter '59



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HARVARD SQUARE STORE

(Continued from page 1) Using the litter, rotating six man teams carried him to the campsite, arriving after dark, where he was placed in a warm emergency shelter. The remainder of the climbing party occupied an open leanto near the

That night, as Miskoe lay in pain and shock, the temperature of the old mountain air dipped to a 5 F. Under a driving wind, a blizzard began pelting the mountainside, wilding into a 12-14-inch snowfall before sunrise.

Early Saturday morning the party paded Miskoe onto a toboggan found at the emergency shelter, and began the tedious 1/2-mile descent to the nearest road. But once he was there, Miskoe's ordeal was still far from

The problem was not that

Marty had fallen in love with

a shirt. After all, he was

was in love with two shirts.

The trouble was . . . Marty

With Shirt No. 1, the Van

Heusen Century, the serious

Marty spent hours in heaven-

ly bliss. He worshipped the

revolutionary soft collar that

won't wrinkle ever. It was

Century's one-piece construc-

tion that drove him wild.

(Other collars never did any-

thing for our boy Marty, ex-

cept wrinkle madly. You see,

other collars are three pieces,

ing Van Heusen "Vantage,"

the gay, frivolous Marty lived

With Shirt No. 2, the amaz-

Answer this page

KOOL GIVES YOU A CHOICE-REGULAR. OR ... KING-SIZE WITH FILTER! & 1958. Brown & Williamson Tobacco Corp

fused or sewn together.)

a Philosophy major.

ending, for the heavy snowfall had SOVIET EDUCATION immobilized all transportation.

After four hours of digging, Outing Club members managed to send the MIT student on his way in the back of one of the club's old-fashioned hearses. The climber was transferred to a jeep partway to the hospital, and later to an ambulance for the final leg of his journey. He arrived at the hospital just 26 hours after his accident.

Miskoe was expected to return to Boston late this week. At last word, he was reported in good condition in a Maine hospital.

The slope where the fall occurred faces due East; receiving the intense heat of the suff during the morning hours, but receding into shadows by mid-afternoon, when the moist snow surface freezes into a glaze of ice.

could wear it and wear it-

wash it-drip-dry it, or have

it tumble-dried automatically

-and wear it again in a matter

of hours. It was the most mon-

one shirt, he missed the other.

It was terrible. Like so many

others with the same problem,

Marty wrote to us. And so

it came to pass that the Van

Heusen "Century-Vantage"

was born. This shirt combined

theadvantages of each into one

great shirt—a wash and wear,

no-iron, all cotton broadcloth

shirt with the soft collar that

won't wrinkle ever! And just

\$5! Have you a problem?

Write Phillips-Van Heusen

Corp., 417 Fifth Avenue, New

But when Marty was with

ey-saving love he ever had.

(Continued from page 1) to be based on the whole personality profile of the individual-not test scores alone.

(6) Vocational schools will operate as going businesses. Workshops and model farms will not be mere training exercises, but will provide finished goods which can be marketed. (7) Primary task of institutions of higher learning will be the education of scientists, researchers and teachers.

Prime consideration of the new system seems to be a deep concern over the failure of Soviet education to produce "the new Soviet man". A vigorous effort is to be made toward compulsory re-education, in a short time, not only of Soviet youths, but of their parents.

If individualism is really a danger to Communism, then the new school reform is well conceived, says the report. But it sets forth a system of education so standardized and so demanding of conformity that the individual is lost in a massive machine.

DRINKERS, UNITE!

A top-notch band and three bars over-flowing with liquid goodies will be the featured attractions when the cocktail glasses are raised on high tomorrow afternoon at the Phi Delt House from 4 to 6:30. Every undergraduate, from the lowliest frosh in the darkest 8.01 lab to the most stalwart senior plodding through his thesis, is invited to this gala affair. "Meet under the Phi Delt moose!" Stag or drag, get the best in entertainment and the best in (40c) drinks there.

FLYING CLUB

There will be an organizational meeting of the Flying Club at 7:30 p.m., Thursday, Dec. 11, at The Tech offices in the basement of Walker Memorial. All are welcome. License or previous experience is not required.



to Snow Fresh KOOL

igarettes

Fitzgerald Sings Here In January

The Baton Society will sponsor an "Evening with Ella Fitzgerald" on January 16 in Kresge Auditorium. She will be accompanied by a threepiece instrumental band.

Her repertoire will consist of Blues, Jazz, and Dixieland.

Ella Fitzgerald recently returned from a tour of Europe and is presently conducting a trip of several weeks through the West Coast area. Her appearance at MIT will be among the first of a series of engagements in the East. She is scheduled to appear on the Jack Benny TV Show shortly before she comes to MIT.

Called "America's First Lady of Song," her most recent recording is a two-record album with selections from Irving Berlin's Songbook. Her great popularity has been attributed to her fine musical ability and luminous lyricism which allow her to make variations on melodies that often make composers envious to have

Choral Society To Sing With Juilliard Strings To Follow

On the next two Sundays two major concerts will be given in Kresge Auditorium. The MIT Choral Society will present "The Fairy Queen" this Sunday at 3 p.m. and the second Humanities Series Concert of the season will be presented at the same time the following Sunday by the Juilliard String Quartet.

The Choral Society will be accompanied by a small orchestra and will be conducted by Klaus Liepmann. The music to be performed was written in the form of masques which are solo songs, dances, and choruses set among elaborate stage machinery which provides entertainment between acts of a drama. Soloists will be Helen Boatwright, soprano; Margaret Tobias, alto; Richard Gilley, tenor; Paul Matthen, bass. Robert Brink will be concertmaster; Daniel will play the harpsichord and Roger Voisin, the trumpet. Remaining tickets for "The Fairy Queen," an anonymous adaptation of Shakespeare's "A Midsummer Night's Dream," will be sold at the door for \$1.50.

The Juilliard String Quartet, often called "the premier American quartet," is composed of Robert Mann, first violin; Isodore Cohen, second violin; Raphael Hillyer, viola; Claus Adam, cello.

not thought of the variations before. The Baton Society expects tickets to be sold out before Christmas vacation. Tickets will go on sale beginning next Monday. Four prices of tickets will be offered: \$2.00, \$2.50, \$3.00, and \$3.50. The Baton Society, besides having its regular function of organizing the musical groups. also attempts to fit musical programs into the MIT campus.

APO Chooses New Officers; Plans An All Tech Carnival

Alpha Phi Omega Fraternity has announced the results of its fall elections. James Cobb '60, was chosen President; Patrick Spangler '60, Membership Vice President; David Staelin '60, Service Vice President; Millard Firebangh '59, Fellowship Vice President; Barry Bronfin '60, Treasurer; Martin Falxa '59, Recording Secretary; John Eklund '60, Corresponding Secretary; Sam Williamson '59, Historian; and Craig Tedmon '59, Alumni Secretary.

The new president has reported that APO will concentrate its efforts on two major projects for the remainder of the year: the annual swim program for Cambridge Boy Scouts, which will be held in the MIT Alumni Pool, and the all-school carnival to be held in the spring.

PRC Organizes All Activities; Provides Free Publicity Too

Free publicity for all meetings and special events of MIT activities is now being provided by the Public Relations Committee in a move that is coordinating all activities scheduling so that there is one place for heads of activities to check for conflicts and for students to learn of all the events occurring in the MIT Community.

To schedule an event, an activity need only call the receptionist in Litchfield Lounge, X3680. The list of activities for the week will be published by The Tech, posted on the main bulletin boards, broadcast by WTBS, and made available to anyone calling X3680 or coming into the Institute Committee Office, first floor of Walker Memorial.



Sunday Evening DECEMBER 7 at 8 o'clock George W. Coleman Memorial Lecture NORMAN COUSINS "The War Against Man"

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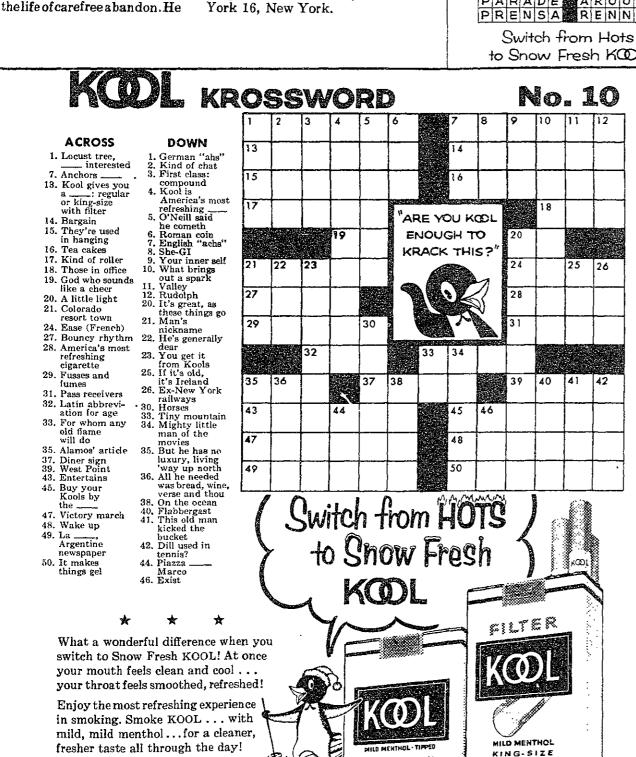
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Opening the Tercentenary Celebration of the birth of Henry Purcell THE M.I.T. CHORAL SOCIETY Klaus Liepmann, conductor, presents THE FAIRY QUEEN by Henry Purcell in a concert for chorus, orchestra, and the following soloists: Helen Boatwright, soprano Margaret Tobias, alto Richard Gilley, tenor Paul Matthen, bass Roger Voisin, trumpet Robert Brink, concertmaster Daniel Pinkham, harpsichord Sunday, December 7, 1958 3:00 KRESGE AUDITORIUM M.I.T. 3:00 P.M. Tickets: \$1.50 unreserved by mail from Music Office, Rm. 14-N236, MIT, or Phillips Brooks House, Harvard



MIT HOOPSTERS VICTORIOUS AS

Schedule Begins For 10 Sports

With the first flakes of snow this week, there was a flurry of athletic activity at MIT as ten varsity and six freshman intercollegiate squads prepared for the winter season. Athletic Director Richard L. Balch announced that these Beaver teams will compete in 158 events during the forthcoming months. Thus Tech sports fans will get a chance to witness much more action than they were able to view this autumn when there were only three varsity and three yearling teams under way.

Both basketball and hockey begin this week. The pucksters face Army tomorrow afternoon at West Point while the cagers, fresh from their Wednesday evening romp over Bow-

Harrier Captain

Bob Mullen '60 and Dan Oliver '60 were elected co-captains of the 1959 cross country team at the annual cross country awards dinner held recently. Both were consistently high scorers for this year's harriers. Mullen was captain of the 1958 hill and dalers and has lettered twice in the sport. Oliver is also a double letterman.

doin, take on Trinity at 8:15 p.m. in the Rockwell Cage. Preceding the varsity hoopsters' encounter, the frosh will meet the Hartfordmen's first-year squad.

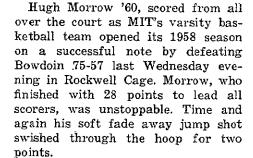
The Engineers have been very successful to date with firearms as both the pistol and rifle teams are undefeated in early season matches. Both of these talented delegations are potential champions.

Many Openers Tomorrow

There will be four other season openers tomorrow when the squashmen, swimmers, wrestlers and fencers unveil their 1958-59 editions. The racqueteers meet Dartmouth at Hanover; the mermen will splash against Bowdoin in Maine; the matmen grapple Tufts in Medford, and the duellers meet Bradford Durfee in Walker Memorial at 2:00 p.m.

MIT's other two winter varsity entrants are the skiers and the indoor trackmen. The boardmen begin competition next Saturday, however, the slalom men won't see action until January 24.

In all, this should be one of the finest winter sports seasons in Tech history and will provide many thrilling events.



Bowdoin however, drew first blood, as Bob Scott hit a set shot from twenty feet just after the initial tip off. MIT came right back with Bob Polutchko '59, captain of this year's varsity, sinking a one handed jump shot from just outside the free throw circle. The game continued on an even keel until 10 minutes of the first half remained. Then MIT went on a scoring spree which featured the deadly shooting of Morrow and guard Lee Cooper '59. Morrow tossed in a long jump shot from the corner and after Bowdoin missed on the subsequent shot, Cooper netted two sets in a row to give the victors a 15-8 lead.

Beavers Widen Gap

But the Engineers' drive was not yet over. Morrow took a guick pass from Polutchko and drove in for the score. A sloppy Bowdoin pass returned the ball to Tech and this time it was Cooper who entered the scoring column for the third time. Following a basket by Simonds of Bowdoin, Morrow again exhibited his talent as he connected on a turn around jump shot making the score 21-10, a lead which the victors never relinquished.

MIT continued to score as Bob Polutchko took charge, The captain drove in for a quick two pointer, but at this point Bowdoin began to fight back. Led by the shooting of guard Dick Simonds, who wound up the evening with 23 points, the Polar Bears began to shoot from the outside with fairly regular success. However, with the score 28-19, Polutchko, Morrow, and Cooper poured in five baskets while the black and white could muster only two. Then the roof collapsed on the Beaver five.

Bowdoin Fights Back

Bowdoin, still keeping to the outside began to score with deadly accuracy. Simonds hit a long 40 foot set shot and two free throws. Brad Willey, fouled on a layup which he converted,

connected on the free throw to cap the three point effort, MIT could not find the range as repeated shots rebounded off the rim into enemy hands.

Varsity Cagers Smash Bowdoin, 75-57

Morrow Tallies 28 Points To Pace Win

Having forced the Beaver's zone defense to come out, the Polar Bears' Scott worked his way behind the MIT pivot man and on two quick feeds poured in four points to bring the score to 35-33 as time ran out in the first half of play.

Beavers Control Boards

MIT's rebounding percentage prior to the intermission was quite good as the Beavers' Robinson '61, and Dennis McGinty '59 controlled both boards. Unfortunately, McGinty picked up four personal fouls in the process and was forced to exercise extreme caution throughout the remainder of the contest.

The second half was all MIT. Morrow, Robinson and Cooper all scored in less than a minute of play. Bowdoin countered with buckets by Simonds and Scott but not before Robinson, Polutchko, and Cooper all hit for the victors. The men from Maine continued to feed Simonds and Scott and these men accounted for most of the Bowdoin scoring during the first ten minutes of the second period.

At 13:52 of the second half, Sim-



MIT's varsity basketball squad is shown in practice early this week preparing for Bowdoin

Polar Bears Begin to Press

points in the waning moments.

onds fouled out and the Beavers pro-

ceeded to break the game wide open.

It was Mr. Morrow leading the at-

tack as he garnered 11 of his 28

In a desperation move Bowdoin switched to an all court press. The engineers however, were ready and quick passing and alert dribbling enabled them to easily break through the defense. The guarding was close and the tempers hot. During a scramble for a loose ball between Polutchko and Walsh a mild altercation developed which resulted in a technical foul against the losers.

Leading 65-53 with 3:33 remaining, the MIT five went into a stall as they worked the ball around the outside passing up several good opportunities to score. With time running out, the victors once again took the lid off the basket and climaxed the evening with a fast 10 point effort.

Team's Outlook Bright

Judging from the opening performance it would appear that the team is in for a highly successful season. The fine rebounding of Robinson, Mc-Ginty and Polutchko seems to be the answer to a long standing problem. This, coupled with the sharp shooting and floorwork of guards Morrow and Cooper and the hard driving layups of Polutchko, will provide solid opposition for all of this season's oppon-

The squad's next home appearance is this Saturday evening against Trinity at 8:15 p.m. in Rockwell Cage. If Wednesday's crowd is any indication of future attendances, the home boys will be well cheered throughout the season.

MIT SCORING

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Cooper	4	6	5	13 8
Polutchko	5	3	2	12 §
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SPACE COLLOQUIUM

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping. confact TCA, Ext. 885.



How vulnerable we all were, the lost and glittering people who attended the biggest party J. Gunsby-my neighbor in West Bacon, Long Island-ever gave. It was held in honor of my cousin, Peony Warren. Gunsby was in love with her. In the five years since he had last seen Peony, she had become the symbol of all things rare and worth possessing.

The day of the party Gunsby came by, apologetic, distraught. "Tell me, old boy," he said, trying to be offhand, "What is your kind of beer, anyway? I want to order some." I knew he was really asking about her kind of beer and, even more, what kind of beer was fashionable in the sleek and narrow world he tried so hard to call his own. "Schaefer," I said. "Experts call it round because it has a smooth harmony of flavors." Gunsby smiled at me as if all his old, forsaken dreams were suddenly within his grasp. "Why, that's my kind of beer!" he cried and hurried away.

Two orchestras were set up in Gunsby's formal gardens when Peony and I arrived, playing all the sweet, sad songs that haunted that uneasy summer. We made our way through swarms of bright and brittle guests and

found Gunsby alone, staring out over the dark bay. I called his name. He turned, trembling, and the pure white foam that topped his glass of Schaefer spilled to the marble terrace and lay frozen in the moonlight. Peony said, "Hello," and the word was a silver bell sounding a note that no one else had ever



heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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Matmen Grapple Tufts Tomorrow Lack of Veterans Dims Prospects

interests preventing veterans from returning, the MIT varsity wrestling team has no lettermen back from last year's winless squad. Consequently, the grapplers will have to rely on a relatively inexperienced crew formed almost entirely of sophomores.

The matmen open the season tomorrow afternoon with Tufts in Medford. The remainder of the schedule pits the Beavers against Wesleyan, University of Massachusetts, Harvard, Coast Guard, Dartmouth and Springfield, all of whom gained victories against MIT during the 1957-

Beaver Line Up

The tentative Cardinal and Gray lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

Plagued by injuries and academic McCullough '60 will wrestle the Jumbos' 177 - lb. contestant. Finally, Tech's battler in the unlimited division seems to be a tossup between Crane Zumwalt '60 and Jack Smith

> Coach Alex Sotir has been working hard with the more or less untested squad, and when one considers the huge sophomore turnout, it appears that the varsity grapplers will improve throughout the season and with most of the squad returning for two more years, the somewhat distant future looks bright.

Frosh Mat Squad Weak

Although there are about 20 members of the Class of 1962 out for wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb, spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.



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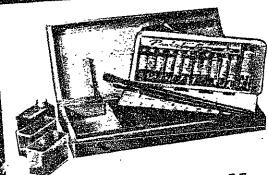
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in this title this year. With returning lettermen Dwight Moody '59, louis Nelson '59, Bob Voight '59 and Martin Zimmerman '59, they should to quite well against their toughest opponents, namely, Army, Navy and USCGA. A great boost to the team his year should be returning riflemen Don Vaughn '59 and Dan

Schwartz '60. Coach Bigham is no newcomer to ine rifle team. Last season he was assistant coach under Army Master Sergeant Robert Mattson. Having great material to work with this winter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.



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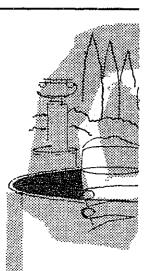
Schedule B

With the first flakes of : week, there was a flurry o activity at MIT as ten va six freshman intercollegiat prepared for the winter sea letic Director Richard L. 1 nounced that these Beaver t compete in 158 events di forthcoming months. Th sports fans will get a channess much more action to were able to view this autu there were only three var three yearling teams under

Both basketball and hocl this week. The pucksters for tomorrow afternoon at W. while the cagers, fresh fi Wednesday evening romp c

Harrier Cap

Bob Mullen '60 and Dan ' were elected co-captains of cross country team at the an: country awards dinner held Both were consistently hig for this year's harriers. Mu captain of the 1958 hill and c has lettered twice in the spo is also a double letterman.



How vulnerab people who att neighbor in We held in honor c in love with l seen Peony, sl rare and worth

The day of the distraught. "T offhand, "Wha to order some kind of beer a fashionable in hard to call his round because Gunsby smiled were suddenly of beer!" he cri

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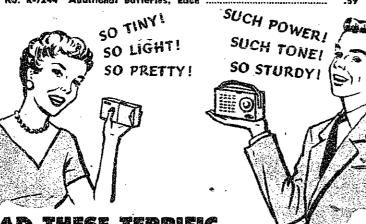
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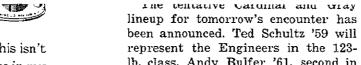
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geat material to work with this

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BELL TELEPHONE COMPANIES

^{lig} lettermen Dwight Moody '59, as Boston College, Army, Bates Collouis Nelson '59, Bob Voight '59 and lege, University of New Hampshire, lartin Zimmerman '59, they should and University of Connecticut, the 9 quite well against their toughest team can be expected to steadily imponents, namely, Army, Navy and prove under the tutelage of their ISCGA. A great boost to the team new mentors, Art Farnham and Al his year should be returning rifle-Sotir. Men Don Vaughn '59 and Dan

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

includes such formidable opponents

INS nprove; Action

three returning

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SALE! FAMOUS NA

MIT

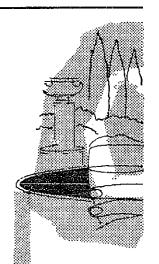
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Harrier Cap

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How vulneral people who at neighbor in W. held in honor c in love with seen Peony, s rare and wort

The day of t distraught. "7 offhand, "Wh: to order some kind of beer a fashionable in hard to call his round because Gunsby smiled were suddenly of beer!" he cr Two orchestra. when Peony a songs that hau way through s found Gunsb out over the d his name. He t

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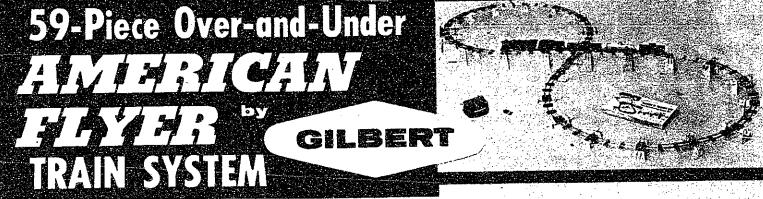
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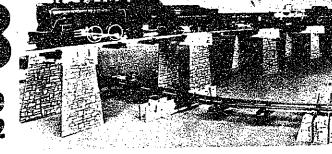
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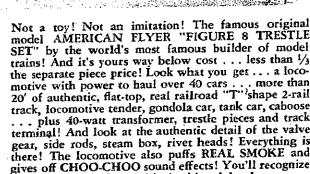
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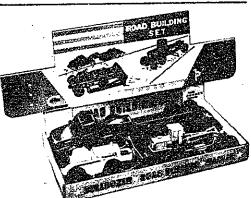
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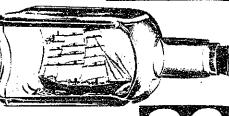
represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

openers next Friday night at the Rockwell Cage with Wesleyan.

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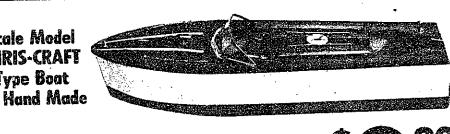
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BATTERY OPERATED

9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping, contact TCA, Ext. 885.



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THE TEMPATIVE CAMMINAL AND GLAY lineup for tomorrow's encounter has been announced. Ted Schultz '59 will Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

Both squads will have their home

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Page 5

nprove;

Action

three returning

y '61, like Saad tian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine :he needed depth wing against the

\mathbf{Win}

l team continued in the Greater e by topping Saubefore Thanksrange. With two r belts, the Tech-GBPL matches s look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 0 was second for 6. Shooting 250's aels '61 and Den-



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includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their

new mentors, Art Farnham and AI

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.



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BELL TELEPHONE COMPANIES

in this title this year. With return-Mg lettermen Dwight Moody '59, Ouis Nelson '59, Bob Voight '59 and Martin Zimmerman '59, they should

oquite well against their toughest Pronents, namely, Army, Navy and USCGA. A great boost to the team his year should be returning riflemen Don Vaughn '59 and Dan Schwartz '60.

Coach Bigham is no newcomer to the rifle team. Last season he was assistant coach under Army Master Sergeant Robert Mattson. Having freat material to work with this winter, he should produce a top team. INS

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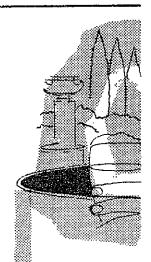
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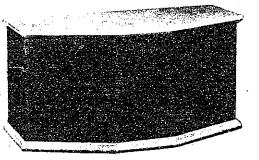
ORDER INOW TO BE SURE

NEW ELECTROSTATIC TWEETER Features Built-In AC Power Supply!

Realistic Electrostat-3

RADIO SHACK CORP. — Page 6

FOR ADDING TO ANY HI-FI SPEAKER OR SYSTEM TO COVER 5000-18,000 CYCLES . . AND BEYOND!



Only \$5 Down

ELEMENTS! BUILT-IN CROSSOVER!

★ Features Never-Before Available Under \$100.00

🖈 No Wiring Special, Complete — Nothing Else to Add!

* Gives Any Speaker a Clean "New Sound" at the High End! 🛊 Wide 120° Dispersion Via Three Offset-Element Design!

Order No. 3&CX017YF, Skip. wt. 7 lbs.

Complete in Furniture Cabinet (Specify Mahagany or Blande)

\$5 Monthly

THE "ELECTROSTAT-3" is a Realistic answer to the audiophile's wish for smooth, clean, ring-free music at the extremity of the audio range — 18,000 cps and beyond. At a price that must certainly astound the experts, this remarkable super-tweeter incorporates all three of the hitherto most costly tweeter essentials: (1) electrostatic construction, (2) wide 120° sound dispersion via three-element design, and — most vital of all — (3) a built-in AC power supply to provide the voltage necessary for true electrostatic speaker operation. Has a built-in crossover network! For use with any good 8 or 16 chm speaker or system. Essentially flat 5000-18,000 cps. Overall size 11%" wide, 5% high, 4½" deep. Specify mahogany or blonde case. Ship. wt. 7 lbs.

Green No. 36CKO17YF

Realistic Electrostot-3, \$27.50

2-WAY HI-FI SPEAKER SYSTEM



Included!

included! Mahogany-toned CABINET!

EXCELLENT and UNIFORM HI-FI FREQ. RESPONSE from 50 to 18,000 cps!

The BIG BUYS in HI-FI are found first and only at RADIO SHACK! Fabulous new hi-fi speaker system features the nationally advertised SONOTONE 12" woofer, and the SENSATIONAL REALISTIC FLECTROSTATIC TWEETER described above. Modernistically styled cabinet is acoustically designed for better high fidelity reproduction, and has a durable MAHOGANY-toned finish on "4" stock. This system is so great that if above units were hought separately your price would be dollars more. Buy now while this combination offer lasts! Order No. RE20005Y: Ship. wt. 48 lbs.Sole \$69.50

The tentative Carumai and Gray lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123-Ib. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

List = 83.50

^{\$}5 Down, ^{\$}5 Monthly

REALISTIC PENTAFLUX-III 12" COAXIAL SPEAKER HAS TWIN CONE-TYPE TWEETERS!

★ High-Compliance!

★ Dual Cone Tweeters!

* Suspension Woofer!

From its big 11/2" ribbon-wire voice coil . . . to its huge and heavy pentagonal magnet structure, the new Realistic Pentaflux. high fidelity loudspeaker looks and performs like \$80.\$120 loud-speakers judged by any standard. Radio Shack has gone all-out to give you the best at 50% less. For example: coaxially angle-mounted dual cone tweeters for 120° dispersion — and we mean tweeters, NOT just little speakers. The 12° cone woofer is styrefoam suspended, low in mass, capable of reproducing 35 cps fundamentals. The frame is heavy die-cast aluminum, not a

Exclusive RADIO SHACK Scoop...

REALISTIC WORTH \$20

3500 CYCLE CROSSOVER RESPONSE 3500 to 17,000 CKE IMPEDANCE 8 OHMS FOR INTERNAL OR EXTERNAL MOUNTING!

★ COMPLETE WITH 4 MFD CROSSOVER AND SCHEMATC

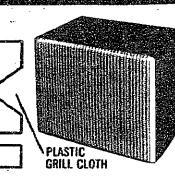
Response curve so high . . . you can actually hear a "bug-sneeze" in hi-fi. REALISTIC designed to assure a smooth even response over entire range . . . no dips, pips, hills or valleys. Just the best listening with excellent balance and lowest distortion. Moving

FABULOUS HI-FI SPEAKER HAS MAHOGANY ENCLOSURE!



Buy 2 for Stereo - \$29.50

CONE SPEAKER SOLID, TUNED ENCLOSURE **DUCT-TYPE** vent



Measures 141/2" x 11" x 101/2"

NUMBER OF STREET CAMPING OF THESE PART THE

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

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RETARDED CHILDREN

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Master volume control!

Channel balance control!

Bass and treble controls!

Loudness off-on switch!

Channel mode selector! Speaker phasing switch!

Mode indicator lights!

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Variable equalization control! Input selector! (20-inputs total!)

Master loudness-volume control!

Page 5

nprove; Action

three returning

y '61, like Saad tian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine he needed depth wing against the

I team continued in the Greater e by topping Saubefore Thanksrange. With two r belts, the Tech-GBPL matches s look bright for class "B" chamcopped easily

the Beavers in was team captain who fired a 262. 0 was second for 6. Shooting 250's aels '61 and Den-



36-WATT STEREO-MONAURAL



2377 E 3 2 (1) E 3



Speaker phasing switch!



PLUS: SENSATIONAL FREQUENCY RESPONSE 20-20,000 CPS \pm 0.5 DB at 38 watts:







Channel Balance Control [

AT LESS-THAN-KI

he new Realistic "Stereo-36" hi-fi amplifier is the ideal choice whether you're "stereo" or "monaurally" inclined. It delivers a full The new Realistic "Stereo-36" hi-fi amplifier is the ideal choice whether you're "stereo" or "monaurally" inclined. It delivers a full 56 watts (72 watts peak!) when used in a monaural system ... yet, just a twist of the Channel Mode Selector turns it into a full-fledged dual 18-watt (36 watts peak!) stereo amplifier and dual preamp Stereo Control Center! Laboratory-verified specifications compare with the finest! Power Output: 18 watts per channel (36 watts peak!). Freq. Response: 20-20,000 cps ±0.5 db. Hum and Nosie: 80 db down on high level inputs; 55 db down on Mag. Phono, 50 db down on Tape Head. Distortion: less than 1 db at full tated output! separate wide-range (±12 db) bass and treble controls; Twin-section, single-action master volume control with loudness off-on which; Channel balance control; Variable equalization control; Channel mode selector with indicator lights and rumble reduction on the propagated records: 4-position input selector. (Mag. Phono. Ceremic Phono. Tape Head. Turner and applicable). speaker plasing switch. Has 4, 8 and 16Ω outputs for each channel plus 2 low imp. outputs for direct input to tape recorder. Tubes include 5— 12AX7 (ECC83), 4— 6BQ5 (7189) and 1— GZ-34 rectifier. Amplifier is fully fused and has 2 convenience AC receptacles. 40 watts, 115-volts AC. Faceplate is flat white with eiched gold and maroon design. Furnished complete with brushed-gold finished ten cabinet that matched other Realistic High Fidelity products and enhances the appearance of any location, Modern low-slung sign measures only 51/4" h. x 141/4" w. x 111/7" d. Ship. wt. 18 lbs.

57 Down \$7 Monthly

EXCLUSIVE AT RADIO SHACK!

EXCLUSIVE AT RADIO SHACK, because cost-conscious Radio Shack knows how to use its 36 years of experience to produce the finest in high fidelity at the lowest possible cost! It's not done with mirrors . . . it's done with enormous purchases and the manufacturing "know-how" of Radio Shack's staff of design and production engineers. The new REALISTIC "STEREO-36" is one of the finest stereo monaural amplifiers on the market today! We guarantee it to be equal or superior, in specifications, performance and appearance to any similar amplifier costing up to \$130.00 or your money back!

STEREO CHANGER SYSTEM!

reatures:

New G-E Pickup!

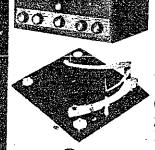
Reg. Valué Item Realistic Stereo-36 HI-FI Amplifier \$129.95 British Monarch Hi-Fi Changer 54.50 G-E Diamond Stereo GC-7 Cartridge 23.47 2-Realistic Solo Speakers in Cabinets

Total Reg. Value \$247.82 Order No. RX-SS7MY, Ship. Wt. 70 lbs.

★ 36-Watt Stereo! \$13 Down \$10 Monthly 🖈 Four-Pale Motor! * Diamond Needle! Base for Changer, R-5900&

A Cables Included! * You save \$118.32 SHIPPED BY EXPRESS ONLY.

Wt. 4 lbs. - Net \$3.49



item Reg. Value Realistic Stereo-36 Hi-Fi Amplifier\$129.95 Garrard RC-121/II Stereo Changer G-E Diamond Stereo GC-7 Cartridge 23.47 2-E-V SP12B Hi-Fi 12" Coax Speakers .. **68.60**

Total Reg. Value \$263.67

Ship. Wt. 65 lbs.

Order No. RX-SSSGY,

36-Watt Stereo! Garrard Changer!

Diamond Needle!

\$16 Down, \$12 Monthly Base for Garrard, 150785 Wt. 4 lbs. — Net \$4.51

New G-E Pickup! Hi-Fi E-V Speakers! Cables Included?

You Save \$103.72! SHIPPED BY EXPRESS ONLY.

FM/AM/CHANGER

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reatures:

★. 36-Watt Stereo!

FM-AM Tuner!

★ New G-E Pickup!

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Cables Included!

Univ. 12" Speakers!

Realistic Stereo-36 Hi-Fi Amplifier\$129.95 Harman-Kardon T-224 Stereo FM-AM Tuner 114.95 Garrard RC-121/II stereo changer Pickering Stereo IDiamond Cart. 371 ... 2-University UXC-122 Hi-Fi 12" Diffaxials ... Total Reg. Value \$391.08 Order No. RX-SS9H,

Ship. Wt. 83 lbs.

\$26 Down.

\$16 Monthly Base for Garrard, 150785

Wt. 4 lbs. — Net \$4.51 Yeu Save \$121.13! SHIPPED BY EXPRESS ONLY.

ON RADIO SHACK'S "EASY-PAY-PLAN" SEE PG. 31 FOR DETAIL

in this title this year. With returng lettermen Dwight Moody '59, ouis Nelson '59, Bob Voight '59 and Martin Zimmerman '59, they should h quite well against their toughest ponents, namely, Army, Navy and SCGA. A great boost to the team his year should be returning riflehen Don Vaughn '59 and Dan %hwartz '60.

Coach Bigham is no newcomer to he rifle team. Last season he was ssistant coach under Army Master ergeant Robert Mattson. Having geat material to work with this ainter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire. and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

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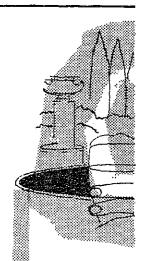
Schedule 1

With the first flakes o: week, there was a flurry activity at MIT as ten six freshman intercolleg: prepared for the winter s letic Director Richard L. nounced that these Beaver compete in 158 events forthcoming months. ? sports fans will get a ch: ness much more action were able to view this au there were only three v three yearling teams unde

Both basketball and he this week. The pucksters tomorrow afternoon at while the cagers, fresh Wednesday evening romp

Harrier Ca

Bob Mullen '60 and Dai were elected co-captains cross country team at the ¿ country awards dinner he Both were consistently h for this year's harriers. captain of the 1958 hill and has lettered twice in the s is also a double letterman.



How vulnera people who a neighbor in V held in honor in love with seen Peony, rare and wor The day of distraught, ' offhand, "W] to order som kind of beer fashionable i hard to call h round becaus Gunsby smile were suddenly of beer!" he c

Two orchestr. when Peony songs that ha way through found Gunst out over the his name. He and the pure topped his g spilled to the 1 lay frozen in

Peony said,

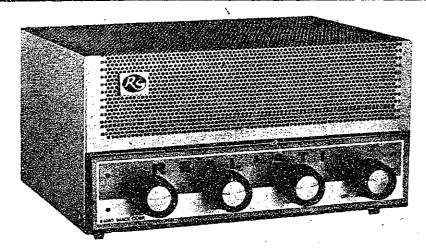
word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

THE F. & M. SCHAEFER BREWING CO., NEW YORK and ALBANY, N. Y.

1959 REALISTIC HI-FI COMPO



BIGGEST AMPLIFIER VALUE EVER!

- ★ Stereo-Ready Adaptor.
- ★ Full 12 Watts of Power!
- ★ Full-Fidelity Response
- **★** Bass Treble Controls
- * With Cabinet! Not A Kit

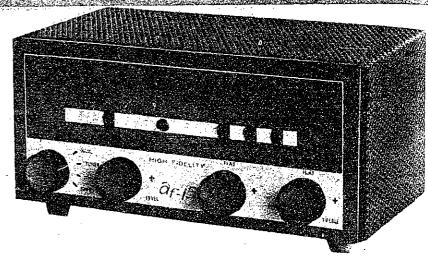
Total redesign of the fabulously successful Realistic AF-12 . . . now complete with gold toned metal cabinet and ready for stereo! New 1959 AF-12 has pre-wired connection to our Stereo Master (see below). A second amplifier, plus the "Master" and you're in the stereo business. Each step in the creation of the AF-12... from the design of its RIAAequilized pre-amp to the winding of the oversized output transformer has been carefully supervised by RADIO SHACK'S own staff of engineers.

Order No. R-33CX303Y Wt. 12 lbs.

BUY 2 FOR STEREO ... AND SAVE! Two AF-12 and one Stereo Master, Ship Wt. 26 lbs. Order No. RX-7243CAF12: Net \$69.95

LABORATORY-VERIFIED SPECIFICATIONS — QUITPUT: Push-pull 12 watts (20 Watts Peakl) at less than 1% distortion. FREQUENCY RESPONSE: 20-20,000 cps ± 1 db. Built-in RIAA equilized pre-amplifier. TREBLE CONTROL attenuation — 18 db @ 18 kc. BASS CONTROL boost, 15 db @ 50 cycles, Hum 80 db below 12 watts. QUITPUTS: 4, 8 and 16 Ω. Jack for description recorder. INPUTS: Tuner, high imp. mike, crystal pickup, magnetic pickup. Convenience AC receptacle for auxiliary equipment. TUBES: 2-12AX7, 2-6V6GT, 5Y3. 1014" W. x 614" x 614". Built-in AC power supply. Standard RETMA

STICAF12 PERISTRA ERDeluxe 15-Weit 4



DELUXE FEATURES OF \$100 AMPS!

- ★ 15 Watts Output (30 Peaks!)
- ★ Bass and Treble Controls!
- * Loudness and Level Controls
- ★ Speaker Control Switch
- ★ Pre-wired for Stereo Control

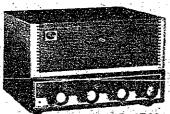
The most astounding amplifier value that the bigh fidelity market has ever seen! Actually a deluxe hi-fi control center, fully-wired, in a stunning cabinet for less than "kit price". Pre-wired adaptor allows instant conversion to stereo! All that you need is another amplifier and the Realistic Stereo Master (below). Money-back guaranteed to have more bona-fide high fidelity features per dollar than any other amplifier available.

Wt. 15 lbs.

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LABORATORY-VERIFIED SPECIFICATIONS — QUTPUT: Push-pull 15 watts (30 watt peaks!). RESPONSE: 18 to 30,000 cps ± 1 db. DISTORTION: total RMS harmonic distortion (400 cps @ 15W.) under 1%. Here also you get full +15 and -15 db separate bass and treble controls; separate volume and loudness controls; RIAA phono and Ampex (NARTB) tape head equalization under ±1.5 db from their respective curves; taps for 4/8/16 chm speakers; 6-tube circuit powered by two EL-84s; quality AC power and output transformers. In addition — a 7-way loudspeaker switching arrangement found on no other amplifier we know of ... at any price! This allows A-B-C speakers selected in any combination, plus a separate "always on" tap. Thus four speakers in 3 or 4 rooms may be controlled at the A-15 for a final note of value, the A-15 comes complete in a smart metal case matching exactly the Realistic EM tuner in size — 95%" x 43%" v 61%" deep in color — gold with marcon and white. FM tuner in size — 9%" x 4%" x 61%" deep, in color — gold with margon and white

SAVE EVEN MORE ON THESE DELUXE STEREO AND MONAURAL SYSTEMS!!







Down.

\$5 Monthly





SAVE OVER \$35 ON THIS STEREO-READY HI-FI SYSTEM

Realistic AF-12	\$49.95
VM Changer with GE Cartridge	£1 20
Realistic Solo	
Reg. Equiv. Value	\$111.10
ONLY AT RADIO SHACK	1

\$7 Monthly Order No. RX-MS12Y

SHIPPED BY EXPRESS ONLY

Ship. Wt. 38 lbs.

24 W HI-FI STEREO SYSTEM WORTH \$100 MORE ELSEWHERE

	e ale comprese en Sala de Seculió de
2—Realistic AF-12 Realistic Stereo Master Control Monarch Changer E-V Diamond Point Stereo Cartridge 2—Realistic Solo's Reg. Equiv. Value	\$9.90
Realistic Stereo	•
Master Control	19.50
Monarch Changer	54.50
E-V Diamond Point	
Stereo Cartridge	11.47
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l Reg. Equiv. Value	\$224,37

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15 WATT READY-FOR-STEREO HI-FI MUSIC SYSTEM SALE

The state of the s	
Realistic AF-15	\$\$6.95
Garrard Changer w/	•
GE Stereo Diamond	65.12
University UXC-122	•
12" Diffaxial Spkr	32.34
Reg. Equiv. Value	\$164.41

SAVE \$50

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TERRIFIC 30-WATT STEREO HIE WORTH OVER \$280

2—Realistic AF-15	\$133.90
Master Control	19.50
Garrard Changer w/ GE Stereo Diamond 2	65.17
2-University UXC-122	
Diffaxial Speakers	64.6
2	\$283.28

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'STEREO MASTER' FOR LOW REALISTIC



Completely designed by Radio Shack's technical staff and built to the exacting quality standards of all Realistic high-fidelity products, the Stereo Master is your ideal "go-between" for stereophonic sound in 1959. Although specially designed to serve two Realistic A-12 or A-15 amplifiers (see below), it may be used between many others of 1948-58 vintage with minor wiring changes at the amplifiers. Both the Realistic A-12 and A:15 have all connections for the Stereo Master brought out to their rear panels to simple screw terminals.

AND DELIGHBLED DELIGHBLE BAIR GLEY lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

Master Stereo Function Selector!

Master Stereo Gain Control!

 Switch Parallels Amplifiers for High output Monaural Operation!

Mode switch allows instant change-over from Normal Stereo to Stereo Reverse. In addition the me switch can feed the programming source from the left amplifier into both amplifiers. This enables the user to utilize and control the full power of th amplifiers from two different monaural program sources. This position can also be used as an effect electronic crossover for simulating stereophonic sound from monaural records. This is accomplise by setting the bass control to maximum and treble control to minimum on one amplifier and doing opposite on the other amplifier. A slide switch parallels the output of stereophonic cartridges balancing and use on monaural records.

Master volume control takes over "gain" after amplifiers are balanced. Only 21/8" x 3" x 43/8" in me case styled to match Realistic amplifiers. Complete with instructions. Ship. wt. 3 lbs. Reg. \$19.5 Grder No. R-7243C....

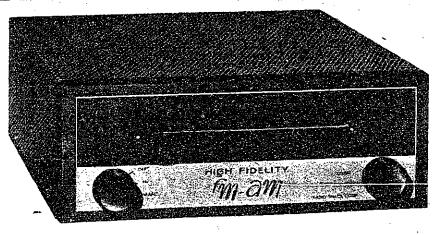
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NEW SENSATIONALLY LOW PRICE!

- * Low-Noise Cascode RF
- ★ Sensitivity—2 Microvolts for 30 db Quieting!
- * Front Panel AFC Defeat!
- ★ Broadband, Sensitive AM!

WE'VE DONE IT AGAIN! The first to break thru the FM tuner price barrier with the famous Realistic Mark I . . . and now the first to break thru the high fidelity FM-AM uner barrier with the magnificent new Realistic T-IV. Designed by Radio Shack's own engineering staff, and manufactured under their direct supervision. Guaranteed to equal or exceed, both in performance and appearance, any tuner available within twice our

\$6 Down. \$6 Monthly

Order No. 9-36CX023Y Wt. 15 lbs.

ALL NEW FOR 1959 . . . with features and specifications which make it America's foremost FM-AM ALL NEW FOR 1959... With features and specifications which make it America's foremost FM-AM timer value! Latest design, low-noise cascode FM front-end assures amazing sensitivity of 2 uv for 30 db quieting (1 uv. for 20 db quieting)). 190 kc if bandwidth flat within 1.5 db together with instant action AFC guarantee a constant output level with response of 20-20,000 cps ± 1 db. Total harmonic distortion not greater than 0.5%. Image rejection better than 50 db. If rejection better than 65 db. fM circuit includes cascode RF, separate mixer. Osc. AFC, 2-IF's, dauble-tuned limiter, Foster-Seeley discriminator, AFC defeat switch on front panel. The AM section utilizes ultra-quiet tuned RF stage, proadband tuned IF stage with separate crystal diode detector. AM respense 20-7500 kc \pm 1 $ilde{u}$ b. luner is completely wired and has calibrated illuminated side-rule dial. Handsome gold-tone metal escutcheon with white and maroon trim and matching golden metal cage included. Measures 11% "W. x 4%" H. x 83% D. excl. depth of knobs (%") and loop antenna (1%"). Uses 9 tubes plus rect. (2-duals for 11 tube operation!).



STAGGERINGLY LOW SALE PRICE!

- ★ Sensitivity—3 Microvolts for 30 db Quieting!
- Armstrong, AFC, Circuit!
- ★ Tuned RF Stage! Cabinet!

Entirely new 1959 REALISTIC FM TUNER . . America's outstanding high-fidelity FM tuner buy! Two years in design, the new REALISTIC FM TUNER improves upon every feature which earned its predecessor outstanding rave reviews in High-Fidelity, Audio League, The Nation, among others. Luxuriously encased in smart, dignified gold, maroon and ivory toned metal. Quantities are limited, so order early to reap the benefits. \$5 Down, Monthly

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LL REALISTIC SPECIFICATIONS GUARANTEED BY CUSTOM ALIGNMENT. CIRCUITRY: Armstrong, double-tuned limiter and triode mixer, balanced AFC, tuned RF stage, incorporating 6 tubes (2 dual for 8-tube function); 180 kc bandwidth, 3- gang condenser, SENSITIVITY: 3 microvolts for 30 db quieting — guaranteed by custom alignments. ELECTRICAL: AC power supply for 117V 60 cycles. CONTROLS: power on-off, tuning 88-108 mc, phono feed-thru switch; like previous model there is NO volume control to duplicate amplifier functions. INPUTS-GUTPUTS: audio output, tape recorder output jack, phono input. ULTRA-COMPACT SIZE: in gold, maroon and white metal cabinet it measures just 9% W x 4% H x 6% D — fits anywhere without building in. Accessories include pilot light, audio output cable. Attach to any amplifier, sound system, console, or TV set.

MORE FM-AM STEREO AND MONAURAL SYSTEMS AT FABULOUS SAVINGS!!



ASTOUNDING FM-PHONO HI-FI NORMALLY COSTS \$178

Realistic AF-12	\$49.95
Realistic FM-II	
W Changer with	
& Cartridge	41,20
Realistic Solo	19.50
	\$178.15
	SINICUSD BACE

\$11 Down, \$9 Monthly No. RX-570....\$3.95

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LATEST FM-AM-STEREO HI-FI PRICED \$140 BELOW MARKET

2—Realistic AF-12	\$99.90
Realistic Stereo	
Control Master	19.50
Realistic T-IV Tuner	95.00
Monarch Changer	54.50
EV Stereo Diamond	11.47
2—Realistic Solo's	39 00
Reg. Equiv. Value	\$319.37
\$18 Down, \$13 Monthly No. 123	MED BASE -590\$3.95
CATAOL	

Order No. RX-TSS12Y Ship. Wt. 60 lbs.

SHIPPED BY EXPRESS ONLY

REALISTIC 15 WATT DELUXE FM-PHONO SAVES YOU S94!

Realistic AF-15	\$6.95
Realistic FM-II	
Garrard Changer w/	
GE Stereo Diamond	65.12
Elector-Voice SP12B	
12" Hi-Fi Speaker	34.30
Reg. Equiv. Value	\$233.87

\$14 Down, \$10 Monthly Finished BASE No. RX-570....\$3.95

Order No. RX-TMS15Y Ship. Wt. 52 lbs.

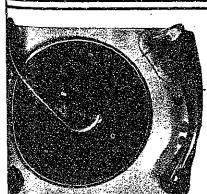
SHIPPED BY EXPRESS ONLY

30-WATT STEREO SENSATION FM-AM-HI-FI SAVES YOU S 157

2—Realistic AF-15	\$133.90
Realistic Stereo	
Master Control	19.50
Realistic T-IV Tuner	95.00
Garrard Changer w/	
GE Stereo Diamond	65.12
2—Electro-Voice	
SP12B Speakers	68.60
Reg. Equiv. Value	\$382.12
	INISHED BASE
Ame mosses, the money, No	. RX-590\$3.95
	A

Order No. RX-TSS15Y Ship. Wt. 68 lbs.

SHIPPED BY EXPRESS ONLY



in this title this year. With return-

g lettermen Dwight Moody '59,

Louis Nelson '59, Bob Voight '59 and

Martin Zimmerman '59, they should

In quite well against their toughest

Monents, namely, Army, Navy and

USCGA. A great boost to the team

his year should be returning riflemen Don Vaughn '59 and Dan

Coach Bigham is no newcomer to

be rifle team. Last season he was

assistant coach under Army Master

Sergeant Robert Mattson. Having

gleat material to work with this

winter, he should produce a top team.

Schwartz '60.

CHANGER WITH

Cartridge Alone Nets for \$11.47! Value

Ideal for Any Hi-Fi Fan! Plays Both Stereo & Monaural!

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

* ALL FOUR SPEEDS

- ★ INTERMIXES 7". 10". 12"
- FOUR-POLE MOTOR

In keeping with RADIO SHACK'S tradition of always being FIRST WITH THE REAL-LY BIG BARGAINS, we are proud to present this outstanding bigh fidelity 4-speed changer equipped with the latest Electro-Voice Diamond and Sapphire Stereo Power-

point . . . the cartridge that represents the first truly successful advance in the audio art in decades! Capable of reproducing, it is the most subtle high-fidelity tone variations in either stereophonic or monaural applications! Our Front Page story on the Monarch Changer details its obvious advantages in high fidelity reproduction. Since our QUAN-TITIES ARE LIMITED, only an early order can assure delivery at this sensationally low price. Ship. wt. 18 lbs. Order No. RX-59005D\$29.95

The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

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BELL TELEPHONE COMPANIES

Page 5

nprove; Action

three returning

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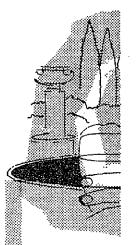
Schedule !

With the first flakes o week, there was a flurry activity at MIT as ten six freshman intercolleg prepared for the winter s letic Director Richard L nounced that these Beave compete in 158 events forthcoming months. sports fans will get a ch ness much more action were able to view this at there were only three . three yearling teams und

Both basketball and h this week. The pucksters tomorrow afternoon at while the cagers, fresh Wednesday evening romp

Harrier Ca

Bob Mullen '60 and Da were elected co-captains cross country team at the country awards dinner he Both were consistently I for this year's harriers. captain of the 1958 hill an has lettered twice in the: is also a double letterman



How vulner people who neighbor in held in hone in love with seen Peony, rare and wo

The day of distraught. offhand, "W to order sor kind of bee: fashionable hard to call round becau Gunsby smi were sudder of beer!" he

Two orchest • when Peony songs that h way through found Guns out over the his name. He and the pur topped his spilled to the lay frozen Peony said,

word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

2-6455

Astatic 90-TJB

(Order Realistic R-6454)

Astatic CO (Order Realistic R-6455)

Astatic 57-T

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

THE F. & M. SCHAEFER BREWING CO., NEW YORK and ALBANY, N. Y.

RADIO SHACK "REALISTIC" COMPLETE STEREOPHONIC PHONOGRAPHS FOR 1959

IT TAKES TWO TO STEREO!

Two it takes, two you get in this amazing new Realistic portable phono: two-channel amplifier, two-channel two-needle stereo cartridge, and a two-channel speaker system consisting of THREE separate speakers two built-in, one in its own separate matching case complete with extension cable and plug! 3-tube plus rectifier amplifier with tone and separate volume controls. 4-speed motor spins ALL speeds of monaural or stereo disks. Complete, compatible, compact, there's nothing else to buy! Ship, wt. 15 lbs. Easily worth \$60.00.

you've heard it for 185 now buy it for REALISTIC

Acoustical Perfection in a Mahogany Enclosure

"Della-7"

RADIO SHACK CORP. - Page 10

Reg. 560

Frankly designed to challenge the performance of justly-famous compact speaker systems in the \$150-\$200 range at a price up to 50% less, the Delta-7 in production has lived up to its prototype in our laboratory. You temember when hi-fi sound with clean separation and deep fundamental bass was found only in massive speaker systems. And you know how in the very recent past science found ways to sustain this type of reproduction in cabinets bordering upon the tiny. Realistic with the Delta-7 does just this! Separate woofer and tweeter with crossover are housed in a magnificently band-rubbed all 34" case measuring a mere 24½ x 13½ x 11" deep. Also built-in is a unique 9-position frequency response control for balancing low, middle, and high frequency contour to your listening area and taste. We know of no other system with this feature. Frequency response 30-15,000. Infinite baffle, sealed airtight. For use with amplifiers of 15 watts

Buy two for stereoPair Price, Net \$154.50



FAMOUS BRITISH HI-FI CHANGER \$8 Down \$7 Monthly

Featuring the superb British-built Collaro A-speed changer, this Realistic -speed portable phonograph is fully \$30-\$50 under the "going" price for automatic stereophonic hi-fi. Includes powerful 2-channel amplifier, compatible stereo cartridge with dual styli, dual tone and volume controls. Three dual-cone 6" speakers for six speaker sound, including -- in the detachable baffle-lid -- the extension speaker you need for stereo or re mote-monaural, complete with long cord and plug! Plays ALL monaural or stereo disks. Ostrich-grain 20½ x 13½ x 8¾" case! Ship. wt. 25 lbs



Use Order Blank on Page

EXCLUSIVE REALISTIC SRL* VU METERS FOR PROFESSIONAL AND AUDIOPHILE USE!

MONAURAL YU METER



R-7212F Worth SI9.50

DUAL STEREO VU METER



2-7221 F Worth \$29.50 FOR USE WITH:

High Fidelity Tage Recorders **Public Address** Speaker Systems STANDARD REFERENCE LEVEL

Another Realistic First? The first and only economically-priced VU meters to be calibrated in string accordance with Professional Broadcast and Engineering Audio Reference Level Standards! Both the monaural and stereo VU meters are precisionally evelled instruments exhibiting a uniform frequency response of ±0.5 db from 25 to 18,000 cycles. Input impedance is 60000 and sensitivity is such that zero VU equals .775 volts or 1 mw. across is 60000 line. Another important and exclusively Realistic feature, not found in any competitive metric is that the frequency response is constant and completely independent of the setting of the wide-range (20 db) sensitivity control! Other features: jewelled meters, standard -20 db to +30 db VU scale, and 100% modulation. Just the thing for level analysist and a host of other requirements in audio-radio-P.A. and 12b work. Includes instructions and 36" leads 6 x 3 x 134" deep black bakelite case. Ship. wt. 3 lbs.

NEW! REALISTIC

SPLICE FREE

RECORDING TAPES

1/4" x 1200-ft.; Full 7" Reel; Plastic Base! Famous "Magne-Gloss" Finish! Reduced Magnetic Head Wear, Friction! 1/2-Track Time: 3% ips-2 hrs. — 7/2 ips-1 ht

Order No. R82}2 WL 1 lb. Each reel \$1.79 Order No. R82}2(5)Five reels 7.99

1/4" x 1800-ft.; 50% More on Each 7"Reel!

• Same Recording Time As 1½ Standard Reels! Famous "Magne-Gloss" Finish!
• ½-Track Time: 3¾ ips-3 hrs. — 7½ ips-1½ hr

Order No. R-3118 Wt. 1 lb. Each ree! \$ 269

GSF-1800



If you're a bit conjused about diamonds, we don't blame you this in the back of your noggin and don't ever forget it! RADIO SHACK has been . . . is . . . and always will be your best resource for dependable quality real hi-fi styli! We do the shopping around for you! And when we put our REALISTIC name on it, you know there's no greater value anywhere in the world! All REALISTIC DIAMOND STYLI come to you in sealed polystyrene boxes . . . untouched by anything after their final microscopic inspection. Every popular type is carried in stock in huge quantities at all times. We make SAME-DAY deliveries on mail, wire, or phone orders . . . and ship by air if you want us to. And remember . . . every REALISTIC DIAMOND is fully guaranteed IN WRITING for

NEW SIMPLIFIED ORDERING:

(1) Order by REALISTIC Number below picture of needle. (3) Order by Cartridge Manufacturer's Number (2) Order by Manufacturer's Needle Number. (usually printed on the cartridge)

OR. — Remove needle from caltringe and lape it to your order Radio Shack's needle experts will identify it, and ship your dramond and your old needle back to you on the same day your

Shure P80,W21A (AR, E, 21F)

(Order Realistic R-6456)

Shure ML44 (DD)

(Order Realistic R-6457)

Shure PC5 (Order Realistic R-6458)

Hi-fi LP 12" Record Resort Favorites

\$3,98

HARRY MARSHARD'S

A great collection of hit dance times by a great society dance bend. . UMICORN label engineered and mastered by PETER BARTCH!



Sonotone 2T-SD dia. sap. (Order Realistic R-6451) Sonotone 3-TSD dia. sap. (Order Realistic R-6452)



Magnavox Magagyox 560151 (Order Realistic R-6461)

R.C.A. 76318 (Order Realistic R-6460) Order No. R-8118(5)......Five reels 1250 TV TABLE 70% OF

FAMOUS-MAKE metal TV/phono table will big 2" swiveling casters and adjustable 19 31" arms for a Radio Shack sale price that makes even discount houses look silly! Hand somely crafted wrought satin-black full 1/4 steel tubing, stands 18" high, wt. 71/2 lbs. Order No. R-4151 Sale Price \$1.4 ADJUSTABLE METAL SHELF FOR ABOVE Order No. R-4152 wt. 21/2 lbs.Sale Price \$1.2

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space

RETARDED CHILDREN

Technology." The discussion will be

open to the public.

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping. contact TCA, Ext. 885.

the tentative Cardinal and Gray lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

G-E RPX-053A dia, Sap.

(Order Realistic R-6008)

G-E RPX-058A diamond

(Order Realistic R-6450)

G-E 4G-050

(Order Realistic R-6450A)

OF ANY CHARL OF YARE OND TOT wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open nositions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

50 PIANO - FINISHED

CABINET FOR MARK VII

Handsome high-quality furniture finish transcription tuntable cabiner. Built to typical Realistic quality sandards. Complete piano-hinged cover, positive locking stay. Size: 22½° W. x 19° D. x 10½°; permits use with nearly all tuntables-arm combinations. Arailable in lustrous mahogany or blond finishes. Ship. wt. 30 lbs.

Cat. No. Realistic Description Net 17.7210MFY RC-1M Mahogany 529.95 28.7210BFY RC-1B Blonde 29.95

taminated 100% Solid Mahogany

nprove; Action

three returning

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I team continued in the Greater e by topping Saubefore Thanksrange. With two r belts, the Tech-GBPL matches s look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 0 was second for 6. Shooting 250's aels '61 and Den-

A RARE SPECIAL PURCHASE OF HYSTERESIS MOTORS — by far the most costly part of professional-quality turntables — enables Radio Shack to offer a LIMITED NUMBER of Mk-VII tables at an astounding "Record Changer" price. If you like music without wow/flutter/rumble this is your chance of a lifetime to profit by our buyer's miracle! \$120-Plus Value!

HYSTERESIS TABLE PRICE-SLASH!

MARK-VII SPECIFICATIONS

THE DRIVE: internal rim, through precision ground neoprene idler; 3-step motor pulley precision lathe-turned and centered. Speeds: 78, 45, and 331/3 rpm.

DIMENSIONS: 13" front to back, 15" wide; 1/2" below chassis. Shipping weight 16 lbs.

Description Mark-VII Turntable R-7903 R-7903C Unfizished Base*

72.00 *Made by Radio Shack to save you 50%. Solid 3/4" stock, cut out for Mark-VII turntable. Ample space for mounting 16" arms such as Audak, Gray, etc. Ship, wt. 7 lbs. Ready for finishing. Approx. 16 x 21 x 6".

ADDITIONAL SPECIFICATIONS: Overall 14½ x 15 x 4½" below top plate. Speed change knob for 78/45/33½ spm speeds has intermediate "off" positions to disengage drive, prevent flats. Built-in pilot light. Hammertone gray finish. Rubber mat. 45 spm stud. Stobe disc. Anti-click condenser. Ship. wt. 16 lbs.

NEW 1958 PRODUCTION

HYSTERESIS SYNCHRONOUS MOTOR

• 3-SPEEDS — 33 1/3, 45, 78 RPM

ONE YEAR AGO Radio Shack smashed the \$125 price barrier on professional-quality turntables with hysteresis-synchronous 3speed motors. Now, for a limited time only, Radio Shack stuns the audio world with a \$49.50 price thanks to a lynx-eyed buyer who was there when a motor builder needed cash in a hurry. We rushed these motors into the current production line, and as long as they last you've got yourself a hi-fi bargain nobody but NOBODY can equal. Our Realistic and RETMA guarantees still apply. Our Realistic quality is maintained. Only the price is changed . . . while they last! See its outstanding specifications in columns at left.

use!

Connects 3 Speakers in Any Combinationi 1-2-3, 1-2, 1-3, 2-3 Switches Amp. Taps to Match Load Chgs.

lew.

SPEAKER

SELECTOR

SWITCH

Here's **heavy outy** switching for as many as 3 speakers in any one of 7 combinations. Individually, any pair, or all 3 together. It handles up to 50 or 60 watts of audo and automatically switches amplifier nutput tags to compensate for changed load impedances. Gold-inished 234 x 4½" metal plate mounts on standard wifet box or panel. Shipping wt., 1 ib.

SPEAKER SELECTOR \$1.39

16" TONE ARM!

Net

\$49.50

LICENSED UNDER CBS PATENT No. 2676806

- For Stereo or Monaural Use!
- TWO PLUG-IN HEADS (Not Just Flimsy Adapter Shells!)
- Exclusive Twin Horizontal **Level Adjustments**
- Four Weights for Proper Balance
- Locking Arm Rest Stand
- Micro-Pivot Suspension Five-wire Tone Arm Lead
- Silicon Oil Damped

MODEL 16S - Latest stereo-monaural version of the famous Realistic high-compliance 16" tone arm cannot be matched in features or quality for less than twice the low Radio Shack price! Manufactured under license from the Columbia Broadcasting System (CBS) strictly supervised by RADIO SHACK's quality control engineers. Features include Micro-pivot suspension with silicone oil viscous-damping and twin horizontal level adjustments. Four internally-mounted counterweights allow easy selection of weight pickup relationship specified by cartridge manufacturer. New 5-wire tone arm lead enables immediate installation of any type stereo or monaural cartridge with a spare ground lead to eliminate hum. Arm is supplied complete with two full-scale plug-in heads (not just adaptors or slides!), tube of viscous oil and complete instructions. Handsomely finished in Black enamel and Grey hammertone. All hardware including lock-in arm rest supplied. Ship wt. 51/2 lbs. R-7245 16" Stereo, List \$26.95

STEREO-MONAURAL



Realistic 16" Arm Mo. R-7245 Ship. wt. 3 lbs.

The Realistic Mark-VII Hysteresis-Synchronous

motored 3-speed turntable meets NARTB speed

and wow requirements for broadcast industry

THE MOTOR: hysteresis synchronous, with pre-

cision ground and dynamically balanced rotor.

MOTOR SHAFT: Hardened, ground, -and

FLUTTER AND WOW: content below 0.2%.

STARTING TIME: 1.5 seconds @ 78 rpm. 1.5

seconds @ 45 rpm, 1.32 seconds @ 33½ rpm.

NOISE LEVEL: 50 db below average recording level of 7.5 cm/sec @ 1000 cps.

THE TURNTABLE: cast aluminum, machined

THE CHASSIS: aluminum casting, cross-ribbed,

and balanced, furnished with rubber mat.

flush mount; finished gray hammertone.

For 90-130V 60-cycle AC.

finished to a micro-finish.

SAVE \$22.37 ON 16" ARM, CARTRIDGE. TABLE PACKAGE

New 16" Tone Arm Steroo Cartridge Hysteresis Table

Reg. Nat \$101.87

CUSTOM HI-FI SYSTEMS WITH ABOVE TURNTAB COMPLETE

Harman-Kardon and Electro-Voice FM/Phone



WITH G-E DIAMOND compatible monaural-stereo cartridge that plays all LP, 45, and stereo disks. Single chassis 10-watt amplifier and FM tuner, 12" coaxial speaker. Plus: your choice of Realistic hysteresis-motored turntable and 16" viscous arm (on base), or Garrard changer on base.

ORDER NO. SOCX203Y: INCLUDES Harman-Kardon FA-10 amplifier/tun-er. Electro-Voice SP12B speaker, G-E GC-7 diamond cartridge, Garrard 121 record changer and base, Ship.

\$17 Down ORDER NO. RX20001Y: INCLUDES Parts Price \$250.12

Harman-Kardon FA-10 ampilfier/tuner, Electro-Voice SP12B G-E GC-7 diamond cartridge, Realistic hysteresis turntable and 16" arm and base. Ship. wt. 60 lbs.

Parts Price-\$218.88

H. H. Scott and University Phono System



WITH G-E DIAMOND compatible monaural-stereo cartridge that plays all LP, 45, and stereo disks. Defuxe 22-watt amplifier and 12" triaxial loudspeaker. Plus: your choice of Realistic hysteresis-motored turntable and 16" viscous arm (on base), or Sarrard changer on base.

ORDER NO. SOCXZIOY: INCLUDES H. H. Scott 99D amplifier, University UXC-123 speaker, G-E GC-7 diamond cartridge, Garrard 121 record changer and base. Ship, wt. 45 lbs.

ORDER NO. RX20002Y: INCLUDES H. H. Scott 99D amplifier, University UXC-123 speaker, G-E GC-7 diamond cartridge, Realistic hysteresis turntable and 16" arm and base. Ship.

Parts Price \$273.54

Parts Price \$242.30

518233 \$18 DOWN



WITH G-E DIAMOND compatible monaural-stereo cartridge that plays all LP, 45, and stereo disks. Dual 12-watt (24W monaural) stereo amplifier with 12 controls. TWO woofertweeter speakers in cabinets. Plus: your choice of hysteresismotored numtable and 16" viscous arm (on base), or Garrard changer on base.

ORDER NO. RX20004Y: INCLUDES Stromberg ASR-433 stereo ampli-fier, TWO Stromberg RS-461 speakers in cabinets, G-E GC-7 diamond, Garrard 121 changer and base. Ship

base. Ship, 152 lbs.

Parts Price \$339.48 25990_{,26} d.w.

ORDER NO. RX20003Y: INCLUDES Parts Price \$370.72 Stromberg ASR-433 stereo amplifier, TWO Stromberg RS-461 speakers in cabinets, G-E GC-7 diamond, Realistic table and 16" arm and

in this title this year. With return-§ lettermen Dwight Moody '59, ouis Nelson '59, Bob Voight '59 and lartin Zimmerman '59, they should h quite well against their toughest ponents, namely, Army, Navy and SCGA. A great boost to the team his year should be returning rifle-Men Don Vaughn '59 and Dan Coaches Art Farnham and Al Sotir

Schwartz '60. Coach Bigham is no newcomer to the rifle team. Last season he was ssistant coach under Army Master ergeant Robert Mattson. Having material to work with this *inter, he should produce a top team.

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wt. 60 lbs.

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The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

You can also get information about telephone careers by reading the Bell Telephone booklet on file in your Placement Office.



BELL TELEPHONE COMPANIES

OOSTER EXPOSURE METER SENSA New MICRONTA Model Equals Meters

MIT

Page 4

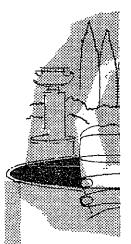
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THE F. & M. SCHAEFER BREWING CO., NEW YORK and ALBANY, N. Y.



Ship, wt. 11/2 lbs.

Gift Packed!

LIST

Order No. R-7253 Sole Price \$6.88

MICRONTA ELEVATOR

• 12" elevator rise! • With Panhead!

Radio Shack's sensational tripod has a list of fabu-

Radio Shack's sensational tripod has a list of labulous features as long as your arm! Geared for quick-action raising and lowering. Extra 90° tilt on panhead allows vertical pictures to be made with 35mm camera. Ball level on tripod. Ratchet to prevent camera from falling. Degree marks for vertical pictures. General features include: adjustable camera screw, aluminum anodized legs, jam-free construction, new clutch design, non-skid tips on legs, Size: 74½" opened, 28½" closed.
Order Ro. R89057 Ship. wf. 6½ lbs.Sale \$13.99

CAMERA TRIPOD!

3-Sections!

This fabulous little meter does everything the big ones do . . and more! Yet look at the price and look at the size! It has lens settings f1 to 32 speeds 1/1000 to 16 seconds . . ASA settings from 3 to 12,800 . . . DIN settings from 6 to 33 IVS scale 1 to 22 . . . POLAROID scale 1 to 10 . . . and movie scale for 8, 16, 24, 32 and 64 frames per second! It has ZERO ADJUSTMENT screw! You can even use it DIRECT READING! With ASA 100 film at 1/100 you can read direct on the "high" scale . . . and at 1/25 on the "low" scale. With the "low" cover raised, sensitivity is increased 4 times. With the BOOSTER in place, sensitivity is 16 times greater than at "high". If there's enough light to see, you can get a meter reading! The workmanship is of watch-like perfection and all markings amazingly legible! The dust-proof case is beautifully finished in brushed metal and plastic. Only because it's imported and a RADIO SHACK exclusive is the price so low!

SALE! PHOTO ENLARGER



* Famous make! Complete! ★ Professional quality ★ Defies comparison

Reg. \$30.95

WITH LENS! 35mm to 120



Blow em up at a blown-down price! Just focus on these features: 90mm f6.9 achromatic lens; rotating glassless negative carrier takes 2½ x 3½ (35mm, 120 and 620 sizes); knob for fine focus; pivoted red filter; cool white-light housing with G.E. photo-flood bulb; 7½-ft. cord with switch (plugs into any 110V ac outlet); control for deliberate distortion effects; heavy pressed wood base 13" x 16"; vibrationless chrome plated tubular steel pedestal 18½" high; diffusion glass 4½" diam.; enameled steel pantograph with heavy spring; adjustable bellows; full instructions for use! Guarantee against defects. A Radio Shack super-value!

\$12.95 BC FLASH GUN FOLDS TO FIT VEST POCKET



Full 5½" dia, all-metal reflector folds closed at touch of a finger — complete unit measures only 4½" x 1½" x 1½" when collapsed! Beaded surface diffuses light, prevents hot-spots! Battery-capacitor circuit assures positive flashbulb firing — built-in test light tells if battery is OK! Has connection for extension flash guns, too! Cable fits BOTH PC and ASA flash terminals! Tightens securely to accessory shoe bracket found on majority of better cameras — including MICRONTA! Extra-heavy, molded construction is FINEST we've seen on any flash gun! Complete with pigskin leather case! (Less battery; uses standard 22½ v cell listed below). Ship. wt. 1 lb.

Order No. R-9829 — BC Flosh gun, \$2.98 Order No. 23-515F — 22½ V Boftery. 87 c Full 51/2" dia, all-metal reflector folds closed at touch

NEW MIDGET METER FITS ACCESSORY CLIP!



little 13/4" x 7/8" x 11/4" photoelectric meter that clips onto shoe of camera or exposure meter that clips onto shoe of camera or slips into the smallest pocket! And eliminates guesswork, costly film waste and missed shors! Has everything: leather case, reflected and incident reading (very sensitive, requires no booster), reads every film speed you'll ever use (ASA 6-3200), reads movies 8-64, reads LVS 1-19, reads 30 sec. to 1/1000 and f1 to f22. One of the tiniest we've ever seen, and Radio Shack's price, too, is subminiature! Ship, wt. 1 lb. Order No. R-5002.......Only \$7.45

NEW! 2x4 MICRONTA READER WITH LIGHT!



Just arrived! New "Z" cell illuminated reading

Peony said,

life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby "How sad," Peony said lightly, taking a golden glass of

whispered, "The poor guy. The poor, vulnerable guy."

REVERE 41.9 NIKON LENS SHIGH SPEED COLOR LENS FOR BIRM MOVIES!



LIST!

ULTRA-FAST f1.9 fabulous NIKON lens (made for Revere), whose normal 13mm (½") fcca! length makes it ideal for replacing your present f2.5 or slower lens. In addition its 1 ft. to infinity FOCUS-ING mount ideally replaces your present fixed-focus lens! Coated optics, click stops, quality throughout. All engraved Nikkor/Revere on barrel, brand new, fully guaranteed. Ship. ½ lb. Order No. R-9911, Ship ½ lb.

7x35mm ILLUMINATED INSPECTION MAGNIFIER

1-YR. MICRONTA GUARANTEE! Order No. R-8230; Ship. 1 ib.



T-INCHES LONG!
FLASHLIGHT SWITCH!
21/6" FOCAL LENGTH!
11/6" LENS DIAMETER!
1 x 1" OPENING!

\$11.95

ENGRAVED SCALES: 1" (1/a" graduations) 25mm (.1mm graduations)

LIC CHICACITC CALCHINAL AND CLAY lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

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RETARDED CHILDREN

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RADIO SHACK EXCLUSIVE! Nationally advertised by famous Dormitzer in FEB-MARCH 1958 camera magazines at 389.95, but we and WE ALONE have it to sell over half-off while they last! You end battery expense because it's NICKEL-CADMIUM powered. You end flash-bulb expense with guaranteed 10,000 G-E flashes in new miniature miracle-prism reflector. And Radio Shack INCLUDES even the camera cord for all PC/ASA cameras, and regularly \$1.65 extra. Wow!

SPECIFICATIONS: high speed 1/3000 flash stops even birds (cheap strobes are 1/500 to 1/1000); 1400 lumen-sec. in every flash; 6 sec. fast recycling; tiny 3½ x 1½ x 8%" size; feather-

BASE BRACKET: for mounting pack to side or bottom of camera (depending upon type of camera). Note: not required except for this purpose. Regular Dormitzer price. \$4.85.

SCOOP! MAGAZINE-TYPE VIEWER-PROJECTOR HANDLES 36-35mm SLIDES View Directly On Its Glass Screen!

Project to Large Screen or Wall! **\$75.00 VALUE**

 VIEWS directly on self-contained glass screen! CHANGES rapidly with semi-auto, mechanical lever! CLOSES to compact size for carrying, storage! • HOLDS 36 slides with ease-and protection!

ANOTHER MICRONTA FIRST!! The only precision engineered partable table viewer and projector made! Loaded with exclusive features not found in domestic units selling for 3 to 4 Radio Shack's LOW LOW PRICE! MICRONTA-VUE projects a direct view image onto its self-contained 5½" x 5½" ground glass screen. Also projects brilliantly sharp COLOR-Slides onto any light-colored wall or projection screen. Projects a 10 ft. sq. picture with the same sharp focus you see when using it as a Table Viewer! The only limit to the size of MICRONTA-VUE's picture is the size of your wall! Semi-automatic changer magazine has a capacity of more than 36 slidet! Efficient convection cooling protects slides. Finest available optical parts including f3.5 lens, precision polished projection mirror and ground-glass view-screen. All-metal portable carry-case measures only 7" x 10" x 3½" Deep! Weighs only 4 lbs. Complete with 100 watt standard projection bulb, detachable line cord and instruction manual. For 115 V. AC-DC operation.

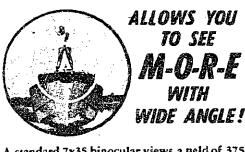
15 SEC. - 2 HOUR PHOTO TIMER! 59.95 LIST!



TABLE LEGS

NEW FOR 1959 - MICRONTA EXTRA W-I-D-E ANGLE BINOCULARS





A standard 7x35 binocular views a neld of 375 ft. in 1000 yards, shown by inner circle in photograph. With a Micronta wide-angle binocular, you'll see 578 ft. in 1000 yards or 11 degrees of field! Field is clear and brilliant right up to the edge.

PRISM BINOCULARS WITH **ACHROMATIC OPTICS!**

 POWERFUL 7X MAGNIFICATION! . CONVENIENT CENTRAL FOCUSING! PLUSH-LINED LEATHER CASE!

WEATHER-PROOF! BUILT TO LAST!

Brand new 7x35 w-i-d-e angle prism binoculars at Radio Shack's fabulous price! Features the same 7.POWER MAGNIFICATION (as recommended by the Audubon Society) plus the wide, wide range that ordinary binoculars do not have! Black diecas aluminum, covered binoculars have preferred center focus and adjustable right eye-piece! Includes plub lined pigskin case with separate leather straps for case and binoculars. An outstanding value for gift or personal use. or personal use. Order No. R-6850 Ship. wt. 3 lbs. With case \$29.95

PRISM BINOCULARS! 7x50 Center *Pius 10% F.E.T 22.95

\$12.95 GENUINE PIGSKIN

PHOTOGRAPHERS' GADGET BAG!

Everywhere Reg. \$12.95

NOT IMITATION LEATHER or plastic, BUT 100% genuine leather photo-equipment carrying case with reinforced outer seam for many years of rugged use. Compartmented case has 3-sided zippered cover for easy accessibility to equipment and supplies. Overall size is a roomy 10" wide x 7½" high x 3¾" deep. The large and deep outer pocket measures 7¼" w. x 4¾" h. x 1" d. — has spill-proof strap. Complete with adjustable shoulder strap and 2 extra straps for carrying tripod. Best of all Radio Shack's rock-hottom price is lower than discount houses carload-purchased prices. Order No. R-7211 Ship, wt. 3 lbs.

JUMBO

PHOTOGRAPHERS' GADGET BAG! Reg.

* 100% GENUINE LEATHER * 12" Wide x 9 3/8" High x 8" Deep

ig, luxurious, body-contoured, all-leather bag with succed cloth interior lining. Roomy interior has a 5" mide anti-jostle beit (also sueded) to protect camera from rough handling. Zippered top has self-latching lock. On the underside of the top you'll discover a rippered compartment plus two snap-down pouches, eith big enough to hold an average exposure meter or a fishful of spare tenses and filters. Large outer pouch

9½" wide x 6¼" high x 1½" deep, with strap and self-latching snap. Reinforced seams. Complete with adjustable carrying strap (with shoulder protector), separate all-leather accessory case (434" x 3" x 2"), key. And best of all, Radio Shack's price is lower than

discount houses' carload-let prices! Order No. R-7229 Ship, wt. 4 lbs....

REVERE 8mm fl.4 TELE MOVIE LENS



YOU GET ALL THESE FEATURES!
1. Super-Fast f1.4 Speed! 2. Click Stop Iris \$1.4 · F16
3. Focusing 3½ ft. to Infinity
4. Coated Achromatic Optics! Removable Sun Shade! Filter Retaining Ring! Plastic Lens Caps, Both Ends!

3X Magnification! **Engraved Markings** Revere Quality Guarantee!

UMITED QUANTITY and just in time for gift sping! The less buy of all lime! Even greater than sushing Radio Shack has had heretofore! Genuine RIVERE 11/2 desophotolent magnificately constituted SUPER EAST 11.4 speed with all FIVE FLEMENTS coated. Fits all Revere, Bolex, Delut, Keystone, Kodak and other 8mm cameras sucpt Belt and Howell! Best of all YOU SAVE 1955! About 21/8" long. Ship wt. 1 lb. Limit 2 of customer of dealer. Order No. R-8147.4.

MIRACLE SCREEN SALE

GLASS BEADED 521.95 Value

RADIANT' 40×40 SCREEN WITH VYNAFLECT FABRIC

DEVELOPING AND PRINTING

Save money! Get the best out Here's everything you need to develop and prin your own pictures. A complete, famous-make ki at an unheard of price, Check these items:



 Print box with socket, cord, bulb and mask.
 Developing Tank
 Stainless 4 x 6" Trays Ferrotype Plate Roller #24 Stainless Cliptites Thermometer #929 Stainless 6" Tongs

Stirring Rod
Pkg. EK Velite pape
Blotters
Pkg. of Hypo
EK MQ's Developer 1 Store-away box 2 Instruction Booklets

Order No. R-7506 Ship. wt. 51/2 lbs......\$9.98

in this title this year. With return-E lettermen Dwight Moody '59, touis Nelson '59, Bob Voight '59 and Martin Zimmerman '59, they should quite well against their toughest Ponents, namely, Army, Navy and ISCGA. A great boost to the team is year should be returning riflemen Don Vaughn '59 and Dan

Schwartz '60. Coach Bigham is no newcomer to he rifle team. Last season he was assistant coach under Army Master Sergeant Robert Mattson. Having great material to work with this Finter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

g an NCREDIBLY LOW PR 🚁 Rapid Advance Lever 🛨 Single Window 🛬 8 Shutter Speeds, to 1/300 🛧 Self Timer

EXCLUSIVE FACTORY-DIRECT IMPORT

Actual Size Photo! 5" x 3" x 114" Body Nationally Advertised in Current Photo Mags

Ship. Wt. 5 lbs.

Includes 2-Part Leather Case!

and Sunshade: Order No. R-7206

NEO(A 35-2S

FAMOUS-MAKE 1958 MODEL

A superb color miniature with deluxe features seldom seen in 35mm cameras under \$80 - genuine leather-covered diecast body, fast edge-to-edge sharp f3.5 lens (achromatic and anastigmatic) with 45mm focal length, rapid film transport and cocking, single-window rangefinder and viewer, 5-blade 1 sec. to 1/300th X-Sync (flash and strobe) shutter, AND CLOSE-UP FOCUSING from infinity down to TWENTY (20) INCHES!

OTHER NEOCA 35-28 FEATURES: self-timer, filmspeed reminder, cable-release, neck-chain eyelets, 2-part metal-trimmed leather case, sun shade, lens cap, engraved depth of field, full guarantee, 12-page instruction booklet. It's the ideal camera for your vacation — compact, light, versatile, and priced FAR BELOW DEALER COST!

NEOCA 35-25 FILTER SET!

NEOCA CAMERA "PACKAGE"

- ★ Neoca 35-2S Camera and Case
- ★ Neoca UV and K2 Filter Set * Folding BC Flash and Battery

NEW "MicroStrobe" ELECTRONIC FLASH! 3-SECOND RECYCLE, 50,000 FLASHES GUARANTEED!

ON-CAMERA WEIGHT 31/2 OUNCES! TOTAL WEIGHT 2.1 POUNDS!



Regular Value \$59.95

Order No. R-7224A Extra Battery

The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

You can also get information about telephone careers by reading the Bell Telephone booklet on file in your Placement Office.



BELL TELEPHONE COMPANIES

Page 5

INS nprove; Action

three returning

y '61, like Saad tian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine the needed depth wing against the

${f Win}$

1 team continued ; in the Greater e by topping Saubefore Thanksrange. With two r belts, the Tech-GBPL matches s look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 0 was second for 6. Shooting 250's aels '61 and Den-

MIT

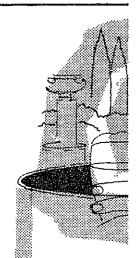
Schedule

With the first flakes of week, there was a flurr; activity at MIT as ten six freshman intercolles prepared for the winter letic Director Richard I nounced that these Beave compete in 158 events forthcoming months. sports fans will get a cl ness much more action were able to view this a there were only three three yearling teams und

Both basketball and I this week. The puckster: tomorrow afternoon at while the cagers, fresh Wednesday evening rom

Harrier Ca

Bob Mullen '60 and D: were elected co-captains cross country team at the country awards dinner h Both were consistently for this year's harriers. captain of the 1958 hill ar has lettered twice in the is also a double letterman



How vulne people who neighbor in held in hone in love wit seen Peony rare and wo

The day o distraught. offhand, "V to order so: kind of bee fashionable hard to call round becau Gunsby smi were sudder of beer!" he Two orchesi when Peony songs that h way throug found Gun out over the his name. H and the put topped his spilled to the lay frozen Peony said,

word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

THE F. & M. SCHALFER BREWING CO., NEW YORK and ALBANY, N. Y.

Worth \$40-\$50 or more See The Planets! ★ Full 30X Magnification! ★ 11/2" Dia. Coated Lens! With Tripod ★ Metal 24"-271/2" Body * With Rugged 111/2" Metal Tripod!

FABULOUS "MICRONTA" BRAND OPTICAL BARGAIN for star watchers, naturalists, campers, yachtsmen and clubs — anyone with an eye for distant places or events — with another eye out for incomparable value! Specifications: 30 time magnification; 40 mm coated objective; coated ocular lens; all parts strew or thread firted for removal for cleaning; massive TWO FOOT LONG (closed) body SOLIDLY ALL-METAL BUILT and black-crackle finished; chromed and black finished draw tube and lens mounts; there is NO plastic, cardboard or steel in the entire telescope; opens to 27½" and may even be hand held for terrestrial uses. A solid metal collar allows attachment of tripod WITHOUT disturbing telescope body. Tripod is also RUGGEDLY ALL-METAL BUILT, with massive U-bracket for allowing telescope 500" rotation and almost 360° tilt with tilt-locking screw; tripod t1½" long over-all, finished black crackle; reversible screw allows triescope WHILE IN U-BRACKET to be transferred to regular camera tripod if desired. Ship, wt. 6 lbs.



30X 69 SPOTTING SCOPE

Binocular Type Focusing!
All Metal Construction!
Prismatic Lens System!
Coated Optics Tripod!

LIMITED QUANTITY! The MICRONTA prismatic telescope provides the advantages of expensive binoculars, eliminates distortion, has sharper-definition, AND greater field of view (85 feet at 1800 yards), includes threaded metal dust cover to protect 60mm objective lens when not in use. Adjustable tripod has tension mount to permit sighting at any angle — up, down, across! Zippered leather carrying case included. No finer gift at any price—order early! Order No. R-9956 Ship. wt. 4½ lbs.\$17.85



Exacting and critical amateur astronomers know that optics quality is the most important feature for satisfactory land-sky viewing. That's why Radio Shack feels the popular Micronta Astronomical Refractor Telescope — (hundreds have been sold at higher prices) — is by far the best scope you can buy to start your serious study of the stars or to add to your present telescope equipment. The scope has been designed with expensive features by Radio Shack, manufactured by a foremost overseas manufacturer, and quality-checked by the optical lab of a famous New England university.

MICRONTA SPECS: All ACHROMATIC, COATED lens surfaces, Viewing lens has 2" dia [30mm]. Cross-haired finder "scope" is attached, Includes sun filter for viewing sun safely. Terrestrial chrome power selector tube and lens is marked for magnifications, plus click stops. Astronomical lenses are interchangeable to fit directly into telescope. Diagonal right angle prism is for observing high objects in comfortable position. The EQUATORIAL and ALTAZIMUTH MOUNT, complete with clamp. in commonable position. The EQUATORIAL and ALFALDAUTH MOUNT, complete with clamp, halance weight, instructions, is an expensive feature seldom seen on a relescope for under \$100.00. Solid metal body, in pearl white and black baked enamed fails, is 30½ overall. Hardwood crapped extends from 25" to 52" and has accident-proof chain hardess. Hardwood carrying case holds the entire system. Were it not imported the cost would exceed \$200.00. MICRONTA GUARANTEED FOR DATE STILL VEAR entire system. Were it not imported the FOR ONE FULL YEAR.
Order No. 186023 Ship. wt. 20 ths. ...





TRUE 3-DIMENSIONAL VISION with the exclusive Radio Shack prismatic binocular microscope! All achromatic optics for full color correction! Stereo-binocular vision provides extremely accurate and realistic images! Long working distances and cextra-wide field make it possible to examine objects too large or too thick for the standard microscope. Built and imported to Radio Shack's own specifications, it comes complete with ground-glass viewing stage, easy-action dual focusing mechanism, fitted hardwood case. Overall height 734". This is one of the finest values offered by Radio Shack in a 35-year history of tock-bottom prices!

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REMOVABLE FROSTED AND

CLEAR GLASS STAGES

Mandles Long Or Bulky Specimens!

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Order No. R-6823 Skip. wt. 11/2 lbs. 30-POWER \$12.50

sports, travel, target spotting, SKY GAZING, general long-range viewing. Features 28mm objective lens to eliminate flare and reflec-tions. All metal construction. Guaranteed 6 months against mechanical defect. Measures 14½" with 3 sections extended full length; 6-11/16" closed. A welcome year round gift to anyone of any age, and one that has the

2.4" EQUATORIAL REFRACTOR SCOPE

TRUE OBSERVATORY QUALITY AT A FABULOUSLY LOW-LOW PRICE!

Worth Over \$250 HAS EVERYTHING:

TELESCOPE SALE

* Equatorial Mounting Altazimuth Mounting

★ Altazimuth Mounting ★ Slow Motion Controls

With Flexible Shafts ★ 5 Eyepieces 30X- 227.5X

Sun Projecting Screen
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🙀 Star-Diagonal

* Sturdy Tripod

THE MOST EXCITING ASTRONOMICAL TELESCOPE WE HAVE EVER BEEN ABLE TO OFFR! Truly worthy of University Observatories and of genuine academic value! Telescopes of this merit normally sell for about \$300, rarely below \$250 and never for RADIO SHACK'S phenomenally low \$150. Every possible precaution has been taken to insure the scientific accuracy of this magnificent instrument. The RADIO-SHACK-MICRONTA Guarantee of COMPLETE SATISFACTION OR YOUR MONEY BACK is courteously and sincerely extended to every SHIPPED BY EXPRESS ONLY



OPTICAL LABORATORY REPORT

TYPE OF TELESCOPE: Refracting, TYPE OF MGUNTING: Equatorial. @BIECTIVE: 60mm diameter aperture. FOCAL LENGTH: 910mm. CODED: Speed F-15, air-spaced Achromatic. OBJECTIVE HOLD: Metal; internally blackened to reduce reflections, internally threaded to accommodate hold ring for objective, and the end of the barrel. ELARE SMIELD: Metallic glare shield, internally blackened, accommodate dustcap. BARREL: Metal internally blackened accommodate dustcap. BARREL: Metal internally blackened to reduce reflections. FOCUSING: Rack and pinion, adjustable tensioning. Accommodate eye piece holder. EYE PIECE HOLDER: Accommodater of eye piece and star diagonal. EYE PIECES: 30.3mm variable, provides 30 power. 9mm huygens provides 101.1 power, 6mm huygens provides 151.6 power, 4mm orthoscopic provides 227.5 power (Finder eye piece can also be used 20mm, provides 45.5 power for wide field application.) FILTER: For direct viewing of the sun, a threaded insert with track filter, can be inserted into any eye piece. STAR BIACONAL: Permits right angle view when observing stars. A great convenience. TEARESTRIAL SCUFF EXTENT: This device permits a moderate-power terrestrial telescope. The lens erects the image for normal power. SUN PROJECTING SCREEN: A device for safely examining the projected enlarged image of the sun through the scope. It consists of two parts, the extension rod and mounting bracket and the projecting screen. The bracket mounts on the focusing top immediately fellowing the rack and pinion mechanism. MOUNTING: Equatorial mounting. The polar axis is adjustable for any latitude on Earth, and also permits the lost positions to obviate awkward locking positions. The polar axis has a coliar at the bottom end which can be removed for subsequent electric or mechanical drive motor attachments, or installation of a setting circle 360 degree slow motion on the polar axis, with a compression screw arms can be inserted in any of four positions to obviate awkward locking positions. The polar axis has a coliar at the bottom end which ca clamp permit the tube to be oriented for balancing in Right Ascension. A counterweight on the Right Ascension axis permits balancing the tube and accessories in Declination. A setting circle could be easily installed on this axis. The tripod legs are adjustable and lock in any position. RESOLUTION: 2" of ACC. OPTICAL DISTORTION: Negligible. Good clear view to extreme edges of field. CONSTRUCTION: All Metallic parts excellently machined and fitted. Machine Grey porcelained finish.

> SUPERBL 5X-10X-20X INSPECTION MICROSCOPE 3 ONIAR IENSES

Worth 350, Last Offered at 319:50

FOR INSPECTING small parts, jewelry, miniatus wiring, textiles, engraving, raised or flat speciming of any kind! Solidly-built of metal, with detachabying rests, mirror, frosted and clear stages; SI ARATE achromatic multi-element 5X, 10X and 28 eyepieces and swinging holder; rack and pinit focusing and elevator (to clear high objects). Example as our \$19.50 bargain of last March, at a language. same as our 517,30 bargain of last March, 21 a l'
tastic low price that may never again be duplicate
The eyepiece lenses alone are worth more than or
complete price! Extended height 7", platform 3'
21/2" (wings make it 9" x 21/2"). Complete in har
wood case. Note: also ideal for dissection of issuf
fibres, etc. Black and chromed construction.
Order No. R-8356 Ship, wt. 6 lbs.

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

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INS nprove; Action

three returning

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I team continued ; in the Greater e by topping Saubefore Thanksrange. With two r belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 10 was second for 6. Shooting 250's aels '61 and Den-

NEW MICRONTA MICROSCOPE Research! 900X NEW REDUCED PRICE LAST YEAR SOLD FOR \$50 Compare with Microscopes Selling for \$150.00 Micrometer fine adjustment 5 Aperture revolving substage condenser Both flat and concave mirrors • 3 Huygenian eyepieces 5X, 10X and 15X • 4 Achromatic objectives 5X, 10X, 4CX and 60X 10 Magnifications: 25X-50X-75X-100X-150X-200X-300X-400X-600X-900X

12 blank and 3 prepared slides; 7 pieces dissecting and slide-preparing instrument set (scissors, scalpel, long probing needle, magnifying glass, tweezers, sparula, glass, rod); 5 test tubes; packet of slide covers and bottle of balssen; 3 small and 3 large lab-type bottles with flat glass tops and ground glass medallion on bottle side for noting contents; and a lab-type alcohol lamp burner with glass cover. Photograph shows MICRONTA, "i-beam" microscope in cabinet—this instrument is not included but listed separately. Note: an especially attractive and useful gift!

WITH

CASE



railed hardwood MICRONTA porrable lab dissecting, slide preparing, storing liquids, etc., h an 8% H x 5 D space for any MICRONTA other small microscope. 121/2 W x 101/2 H 3/2 D wood chest includes double metal carry-

For Dissecting, preparing slides!

60X, 120X, 180X, 240X 200X, 400X, 600X, 800X

NEW "SUPER I-BEAM" beats all standard microscopes selling elsewhere at higher prices! Sensationally-new MiCRONTA microscope has features found in the costliest units, and now, FOR THE FIRST TIME, you have: built-in swiveling condenser lens, greater sharpness and power, sub-stage illumination. Condenser lens is located at fingertips and varies the intensity of the light needed for accurate microscopic research. It's fully adjustable to use with artificial and natural light. Built-in sub-stage pencell battery light can be reversed to use reflecting mirror with our Microscope Light (R-6280). Microsmooth adjustment allows you to use both objective lens without slowing up work. Like other Microma microscopes, the "Super I-Beam" has fitted hardwood case and cover, dual rack-and-pinion focusing knobs, achromatic optics, black satin finish, metal construction, prepared slide, 2 blank slides. Order No. R-6279 Ship. wt. 5½ lbs. NEW "SUPER I-BEAM" beats all standard microFor Scientific and Professional Use The most outstanding microscope value Radio Shack has ever been able to offer! This scientific research instrument was designed and constructed to meet the exacting requirements demanded by analytical laboratories, yet priced so low that it is within the reach of anyone desirous of a truly precise instrument. Especially recommended for use in medical, industrial, public health and university laboratories.

The 3 Huygenian eyepieces (5X, 10X and 15X) consist of 2 plano-convex lenses mounted one at each end of the eyepiece tube. The 4 Achtomaatic Objectives (5X, 10X, 40X and 60X) thread individually into a revolving turrer and are correlated with the eyepieces minimum residual chromatic difference, and are matched for optimum resolving power, (high N.A.). Dual knob coarse adjustment and a precision micrometer fine adjustment are provided. A 5 aperture substage condenser and a fork-mounted reversible flat and concave mirror are included. All moving parts are exactingly machined of brass and heavily chrome-plated. Solid cast iron arm, base and stage, Handsomely finished black baked-enamel. MICRONTA guaranteed to meet specifications, RADIO SHACK money-back guaranteed to exceed your expectations! 11" H. x 4" W. x 6" D. Stage 3-1/16" x 2-11/16". Ship. wt. 6½ lbs. Complete with fitted wooden carrying case.

LONEST PRICES OF THE YEAR! SAVINGS OVER 50% ON MICRONTA PRECISION MICROSCOPES!

60-120-180X; 150-300-450X

FABULOUS 400X "I-BEAM"

CCLUSIVE! FIRST LOW COST MICROSCOPE 10 HAVE BUILT-IN ELECTRIC LIGHT! Specially designed "I-Beam" has separate 6X and 15X relar lenses; 66X through 459X magnification; solidly built of metal with achromatic optics! Present dual rack-and-pinion focusing knobs! Total if I lenses, fitted hardwood case, and dust cover light focuses directly on slide, making identification of microscopic particles easier! Makes a sensational gift! A tremendous value at 3-TIMES the gife! Less batteries. Ship. wt. 5 lbs.

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No. Accessories 124-Pg. Microscope Book 25-Blook Silde Kit

Specimen Slides: Insect Organ Specimen Slides: Little Animals

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Two Separate Eyepleces!

Triple Objective Lenses!

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MICRONTA MICROSCOPES INCLUDE:

- Fitted Wood Case
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ECONOMY 4-LENS 500X

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• Ideal Size Fer Students! · Lowest Price Anywhere! Lab Type Inspections!
 Perfect fer Field Use!

88 LOWEST PRICED

CLICK-STOP TURRET ROTATES for magnifica-sions of 500X, 300X, 150X and 75X! Solid all-metal construction with heavy horse-shoe base, lab-type tilting stand, black crackle finish! Single eyepiece; ALL LENSES OPTICALLY GROUND and POL-ISHED! Twin-knob rack and pinion focusing! 2½," square stage with sub-stage mirror! 1-year guaran-teed! Complete with wood case, glass specimen slides. No better way to please a student, hobbyist, researcher.—NOT A TOY!

Order No. 42-490F 1 R-8036 2 R-7801 S R-7802 S R-6280 B

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124-Pg. Microscope Book
23-Blank Slide Kit
Specimen Slides: Insect Organ
Specimen Slides: Little Animals
Microscope Light

Premium, full-size, professional microscope is the same type used in university and industrial research labs! 2 ocular lenses combine with 4 objective lenses on click-stop turret to yield 6 MAGNIFICATIONS from 600X to 50X! Lens mount and 31/4" x 23/4" on click-stop turret to yield 6 MAGNIFICATIONS from 600X to 50X! Lens mount and 3½" x 2¾" stage tilt FULL 90°! Both flat AND concave substage mirrors; illumination can be "stopped down" with 5-hole sub-stage light control adjustment! Black satin finish, metal construction. Precision ground and polished achievmatic lenses. Complete with fitted, wood case; specimen slides. Order No. R-9902 521p. wt. 7 lbs.

• 4-Lens Rotating Turret!
• Rack & Pinion Focusing! Microscope Combination 5-Stop Light Control! Grand **USE** for lecture demonstrations! **USE** for laboratory bench research! RESEARCH 600X-50X

Full 11-inches High!

VALUE

Research Microscope and

PROJECTION

Superb MICRONTA RESEARCH MICROSCOPE (at left) converts to a MICROSCOPE SLIDE PROJECTOR capable of exhibiting micro-organisms to a full 40" x 40" screen without losing accuracy, distorting shapes or changing natural color. This re-search-teaching feature makes the MICRONTA PROJECT-A-SCOPE invaluable for instruction of biology, pathology or any natural science. Opaque materials function admirably as a shadowgraph. Plugs into 115 VAC source.

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MICRONTA LAB-QUALITY ***50 MECHANICAL STAGE** FITS Micronta Microscopes

USED ON MICROSCOPES SELLING FOR \$150 & UP

- " (22 mm) Longitudinal Travel
- 1" (25 mm) Lateral Travel Holds Standard 25 x 75 mm Slide

Another RADIO SHACK-MICRONTA First! The Another RADIO SHACK-MICRONTA First! The only universal microscope mechanical stage available for less than \$50.00! Precision machined to meet exacting scientific requirement and priced so low that any serious student can afford it. All moving parts are solid brass and finished in heavy chrome and baked enamel. Adjusts easily to fit any microscope stage from 2½" to 3½" wide. Longitudinal travel is ½" (22 mm) and lateral travel is 1" (25 mm). Accommodates standard 25 x 25 mm slide. x 75 mm slide. Order No. R-7203 Ship wt. 2 lbs.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.



MICRONTA STYLUS MICROSCOPE!

50X Magnification Ship, wt. 4 oz.

With Leather case

List \$3.00 Order No. R-90304

The Bell Telephone Companies offer these fundamentals to hard-working, ambitious realists majoring in the arts, the sciences, business or engineering. Get the whole story regarding telephone careers. Talk with the Bell interviewer when he visits your campus. Ask him about training, advancement opportunities, salary, job security. We think you'll like what you learn.

You can also get information about telephone careers by reading the Bell Telephone booklet on file in your Placement Office.



BELL TELEPHONE COMPANIES

in this title this year. With return-Is lettermen Dwight Moody '59, louis Nelson '59, Bob Voight '59 and lartin Zimmerman '59, they should quite well against their toughest Pronents, namely, Army, Navy and SCGA. A great boost to the team his year should be returning rifleen Don Vaughn '59 and Dan Schwartz '60.

UNIVERSAL MOUNTING.

Fits All Microscope Stages From 2¾" to 3½" Wide!

Coach Bigham is no newcomer to he rifle team. Last season he was assistant coach under Army Master ergeant Robert Mattson. Having freat material to work with this kinter, he should produce a top team. new mentors, Art Farnham and Al

MIT

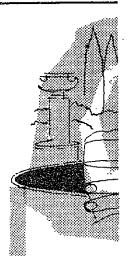
Schedule

With the first flakes week, there was a flurr activity at MIT as ten six freshman intercolle prepared for the winter letic Director Richard nounced that these Beav compete in 158 events forthcoming months. sports fans will get a c ness much more actio: were able to view this a there were only three three yearling teams un

Both basketball and this week. The puckster tomorrow afternoon at while the cagers, fresh Wednesday evening ron

Harrier Co

Bob Mullen '60 and D were elected co-captains cross country team at the country awards dinner 1 Both were consistently for this year's harriers. captain of the 1958 hill a has lettered twice in the is also a double letterma



How vulne people who neighbor in held in hon in love wit seen Peony rare and w The day c distraught. offhand, "\ to order so kind of befashionable

hard to call round beca Gunsby sm were sudde of beer!" he Two orches when Peon songs that l way throug found Gun out over th his name. H and the pu

topped his spilled to th lay frozen

Peony said word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

FROM NEW VAN de GRAAFF

Over 1" Sparks! ELECTROSTATIC GENERATOR

Harmless — SAFE! 110 Volt AC Motor!

> Over 10 Practical Projects for Man-Made Lightning Experiments:

 Human bair stands out straight!
 1½-in, sparks jump to Singers!
 Sparks jump from dome to electrode! oke precipitation, Coltrell process!

5. Neon and fluorescent bulbs glow!
7. Operation of electrostatic gear!
8. Rotate "Pipubee! Motor", Whiring! Home-made electroscop

Instruction

The Wonders of the Atomic Age are dramatically seen and explained with this fabulous Van de Graaff generator kit! It teaches, makes experiments, permits research in innumerable projects using the same very high voltage principle that has great importance in nuclear research (atom smathing), X-ray cancer treatment, photography, textile and electronic research.

Order No. 2-13018 Skip. wt. 5 lbs.

ARCHITECTS! **ENGINEERS!** DRAFTSMEN!

Constructed of spun aluminum cap and base and a transparent cylinder. Stands 11-inches high and comes complete with instruction booklet for projects, accessories, and connecting cord. Thousands are now in use in colleges and high schools as well as in experimental labs of industry.

WORTH *7-50

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12 ENGRAVED

COMPASS SALE!

This busy little two-faced bargain is really something! Just roll it along any shape line on any map and you'll come up with the exact distance in either miles or kilometers on the dial. On the other side is an accurate directional compass! Bright nickel-plared finish; double glass-faced dials; 1%" dia. by %" thick; 3" long including handy swivel ring. Comes in leather slip-on case.

Comes in leather slip-on case. Order No. R-5187, Ship. 8 oz.

1/10", 1/6", 1/5" 1/4", 1/3", 1/2"

Speeds up detail work because you select the rule with the scale you are going to work in. The set consists of 12 two-bevel individual rulers, 6 of them are 12" long and 6 are 2" long for small working areas, Calibrations, are 1/10", 1/6", 1/5", 1/4", 1/5" and 1/2". They are enclosed in a wooden compartment box with hasp. No flipping, turning or checking, just select the rule for the desired working scale. Made of hard, chip-proof bamboo with clear engraved

SCALES! calibrations.
Order No. R-5176, Ship, wt. 2 lbs. MAP MEASURE-

69

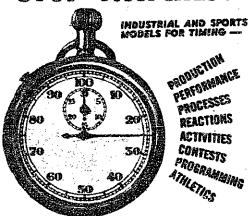


JEWELED NEEDLE! LOCK FOR NEEDLE!

LUMINOUS DIAL! HINGED COVER, RING

Order No. R-5173 Skip. wt. 1 lb.

BARGAIN! SWISS STOP WATCHES!



INDUSTRIAL STOP WATCH (see photo) — ideal for production timing. 7 jewel, chrome-plated nickel case with ring. OUTER DIAL divided in 1/100 of a minute — long hand takes 1 min. For complete revolution; INNER DIAL divided by minutes up to 30 minutes. Side and crown pushbuttons for: (1) starting and stopping action and for continuing action from position at which you stopped, (2) for instant re-set of both hands to zero, (3) for zero-reset and instantaneous re-start. Broad 1½" dialece. Fully guaranteed. Never sold for less than \$12.50, and if made in this country would sell for much, much more. SAVE AT LEAST 20% at Radio Shack! Ship, wt. 12 oz. Ship. wt. 12 oz. Order No. R-5241

Ship. wt. 12 oz. Orser Ko. R-5240

PROPORTIONAL DIVIDERS: <u>\$10.00</u>

FOR LINES, CIRCLES, PLANES, SOLIDS

BRAND NEW — just arrived! Precision-crafted Micronta proportional divider at a record-breaking low Radio Sheck price! Engraved graduations for FOUR different proportional reducing and enlarging ratios! Lines — 2:1 to 10:1! Circles—7:1 to 20:1! Planes — 2:1 and 10:1! Solids—2:1 to 10:1! Extra-sharp stainless steel points for maximum accuracy! Sliding index pivot tightens securely with knutled knob. Heavy nickel-silver body, ½" wide. A "must" for draftsmen, engineers, artists, students, etc.! Radio Shack's bargain-wise customers will find this to be an imported value seldom equalled ANY-WHERE! With case, individually boxed.

Order No. 2-3133 Ship. wt. ½ lb.Sule, \$3.95

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He

THE F. & M. SCHAEFER BREWING CO., NEW YORK and ALBANY, N. Y.

SPORTS STOP WATCH — similar in appearance to above, but divided in ONE-TENTH seconds up to 39 seconds on outer dial. Inner dial and small hand register up to 15 minutes, readable in fractions. The perfect split-second timer for races of all kinds, and scores of other hobby, school and professional uses. Same double pushbutton action as Industrial watch with the 3 distinct start, stop and continuous actions as described. Chrome-plated nickel case with ring, 1½" dia., 1 jewel guaranteed Swiss moretisent. Comparative shopping by Radio Shack sleuths turned up NO sweep and small hand timers selling for less than \$10 or more, so you SAVE AT LEAST 25%. Ship. wt. 12 oz.

SOLID SILVER NICKEL

THE PERPARTYE CARDINAL AREA GLAY lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

IN GENUINE LEATHER CASE

VAN de GRAAFF GENERATOR

Order No. R-7011 Ship. wt. 2 cm

Almost full 6-inches long - this unbreakable BAMBOO rule has 9 engraved graduations on white, molded surface. Scales: A, B, C1, C, D, K, S, L, T. Easy-floating slider holds rigidly in place; made to be accurate for years! Reference equivalents and formulae engraved in back. Rule fits seatly in shirt pocket. Brand new, fully MICRONTA

"LOG-LOG" SLIDE RULE FITTED LEATHER CASE!

A "MUST" FOR EVERY STUDENT IN ENGINEERING

SAVE OVER 30% on genuine MICRONTA Leg-Leg slide rules! All brand new — standard size, precision slide rules as used by professional engineers throughout the world! Features 18 different scales! All graduations permanently engraved into white ivory-veneer finished body! Solid, non-warping construction! All scales and hair-line cursor are adjustable! Ship, wt. 1 lb.

Scale Specifications: A,B,C,D for multiplication, division, proportions, squares, square room. K for cube, cube roots. L for logarithms, LLO, LLOO for powers and roots of numbers less than 1; logs to base "c". LLI, LL2, LL3 for powers and roots of numbers greater than 1; logs to base "e". S for sines, cosines, T for LLI, LL2, LL3 for powers and roots of numbers greater than 1; logs to base "e". S for sines, cosines, T for tangents, cotangents, ST for sines, tangents, Cl for reciprocals, inverse proportions. CF, DF for multiplication and division where "pi" is factor. CIF for reciprocals, inverse proportions. CF, DF for multiplication and division where "pi" is factor. CIF for reciprocals, inverse proportions. GF, DF and DF "pi" stales. Exclusive MICRONTA slide rule cannot be duplicated anywhere at Radio Shack's sensationally low price! Measures 12% long overall, 1-9/16 wide; with 9% long scales on BOTH sides.

Order No. R-8503

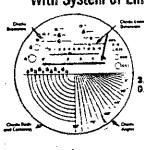


Price savings alone makes this Radio Shack's best buy in many a blue moon! Magnifying lens allows you to look in direction you are heading. Hairline guide in upsurned cover accurately pin points distant objects for exact line of travel from landmark to landmark. It simultaneously gives correct readings of position in degrees or mils. Has night reading luminous paint on 4 points of compass pius reference marks on revolving dial. Folds neatly into one compact unit, 2" dial size. With brass carrying ring. Similar in utility to one used by U.S. Army Infantry.

Order Mo. R-7207 Ship. wt. ½ lb.Sale \$2.49

Eye Gauge POCKET COMPARATOR

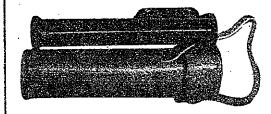
With System of Lines in Eyepiece!



O-10mm, reads 0.2mm! O-0.5", reads .005"! 2. Separate Circles 0.005, 0.010, 0.020, 0.050 4. Thread Angles 0-90°, reads 5°!

5. Diameters O-1/4", reads 1/4" then to 3/4 by 1/2nds!

MICRONTA PRECISION SIGHTING LEVEL



Includes Pigskin Case at This Sensationally Low Price!

Worth Twice the Price!

Precision hand-sighting level serves hundreds of use foundations, roads, fences, grading, drains, end hande of solid brass with draw-tube adjustable foundations

SALE! REFLECTING CINOMETER Level

World its weight in gold when planning a beautiful lawn, laying out drains, building new retaining walls, driveways, patio, tennis court, fances, etc.

PROFESSIONALS use the Topographic Level for more accurate calculations to (1) determine ground elevation, (2) measure degrees of sloping hill or inclination, (3) run level line! It's valuable for ANY PRELIMINARY SURVEYING



Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping, contact TCA, Ext. 885.

SOLAR BATTERY 10-in-1

Transistor kit is assembled by numbers and includes: sun battery, germanium diode, transistor, headphone, iron core antenna coil, instructions, illustrated mounting board, mounting hardware. No soldering required for 10 different assemblies which include SUN BATTERY RECEIVER, transistor receiver, wireless code practice key, home broadcaster, etc. Ship. wt. 2 lbs. Ed. Elec. 208.

MOON RADIO

UNIQUE

"OUTER-

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DESIGN!

Transistor RADIO KIT!

Powered Sun Rays

Same as

Satellites!

FOR ADVANCED

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nprove; Action

three returning

y '61, like Saad tian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine he needed depth wing against the

${f Win}$

d team continued s in the Greater e by topping Sau-: before Thanksrange. With two r belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 0 was second for 6. Shooting 250's aels '61 and Den-

CRYSTAL RADIO

Beginner's CRYSTAL SET For Kids

FASCINATING

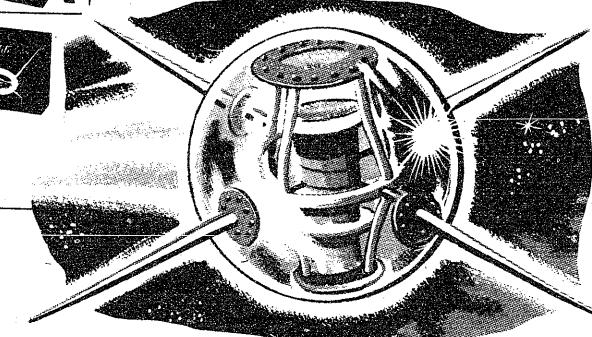
INTRO TO RADIO!

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HEW VERSION WITH

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MORE CIRCUITS FOR LESS MONEY!

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RADIO KIT!

Satellite Beeps!!

Brings in stations from all over the world, plus aircraft, ships at sea, radio "Hams", shortwave. With earphone, rube, antenna, except batteries. Ship, wt. \$77 2 lbs. Mars K13.1

Beginner's

7-CIRCUIT KIT

FASCINATING! INSTRUCTIVE

7ml

Picks up Man-Made

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Ready to operate. Complete with 33" adjustable citip-on antenna and miniature earthone. No batteries necessary. Size 1½ x 3½ x 1". Ship. wt. ½ ib.

With parts to build: (1) Standard 1-tube radio! (2) Code practice key (3) Signal tracer (4) Code blinker light (5) Wireless home broadcaster (6) Sine wave generator (7) Wireless code practice key. 4-in-1 TRANSISTOR RADIO Teaches about new dynamic TRANSISTORS used in SATELLITES and ROCKETS!

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OVER 30 COMPONENTS to build (1) transistor radio receiver, (2) germanium diode radio set, (3) code practice blinker light, (4) Morse code practice key. With earphone, germanium diode, transistor, hardware. Ship. wt. 2 lbs. Ed. Elect. 130.

Fully assembled. No batteries required. Radio presealed in Satellite shaped case. Includes germanium diode, earplug type speaker. Ship. wt. 1 lb. Ed. Elec. 640, Order No. 43D613F\$4.00

BUILDS 15 CIRCUITS WITHOUT SOLDER OR TOOLS

MATIONALLY ADVERTISED EREC-TRONIC SET



New simplified do-it-yourself kit includes 15 templates (electronic "road-maps") and parts for positive guides for circuit constructions. Each template is placed over perforated work panel; parts inserted in punched holes! Features "Jiffy Clip" wiring system. No tools, soldering necessary to build up to 15 different circuits: 12 different radio receivers, shortwave receiver and radio circuit that will get "Conalitad" in an emergency; signal transmitter; code practice unit. Easy to assemble, in 10 minutes you have complete working radio. Requires 1½/Y flashlight cell, 45V B battery, not included. Used in over 500 high schools, 70 major engineering colleges. Has "Educational Seal of Approval" from Boston Museum of Science. Ship wt. 5 lbs.



Transistor RECEIVER SEND KIT

MAKES 5 RADIO RECEIVERS \$2 05 CODE TRANSMITTER

Use "Jiffy-Clips" with components: loopstick, 1 meg potentiometer, 2 transistors, crystal diode, 4 capacitors (1, .005, 250, 390 mfd), 2 resistors (1K, 22K), regeneration coil, headphone and base, 1½V cell holder, code key, 50' antenna, 10' ground, lamp base, lamp, 1½V battery, pegboard, 18 "Jiffy Clips", 10 templates, instruction book, Ship, wt. 2 lbs. Erectronic F-175. Tronic F-175. Order No. 45D490F.

9-Circuit TRANSISTOR KIT



USES FASCINATING TRANSISTOR TO INTEREST ELECTRONIC BEGINNERS!

TRANSISTOR RADIO KIT

Revolutionary lifetime "sun" battety converts sun-light or artificial light into electrical energy. No batteries required. Hand size, miniature radio has full AM broadcast dial. Specially selected TRAN-

BUILDS A RADIO SET IN 10 MINUTES

SISTOR and germanium diode. Mini-gator clip pro-

FAMOUS PHILMORE CRYSTAL SET

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For Ages 8-10 teal for receiving loud and clear signals from sta-out the state of t



DELUXE CRYSTAL Reg. \$4.98

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Approved By Museum Of Science-Boston

2 HIGH QUALITY transistors, germanium diode, High-Q loop antenna coil, PM Speaker using over-sized magnet, calibrated dial. Lovely ivory plastic cabinet with carrying handle. Uses single 9V 'A' battery, Burgess XX9.

PORTABLE!

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High "CONSUMER REPORT"!



Has REAL ELECTRIC MOTOR. Shows the how and why of electrical applications. why or electrical applications.

Has 3 panels to operate experiments; other parts: telegraph keys, rheostat, buzzer plus hundreds of components. Ship. wt. 4 lbs. Order No. 45D261\$9.98

* Dual-lite Soldering Gun ⁵5.19 ea. – Lots of 3 Weller Soldering Aid

Weiler Seldering Brush
Rester "Resin-5" Selder
Soldering Gun Kit! The famous model 8100 Gun alone is worth 37.95. Heats up to well over 100 watts in 5 seconds. Trigger control turns dual spotlights on or off with heat. Ideal for those tough solding jobs in dark chassis. So well balanced you hardly know that gun is in your hand! Tips are replaceable with twist of 2 nut.

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4-Transistor

Beautiful Texon stitched leather cabinet houses an advanced 4-transistor superher circuit design. Also diode, transformer-coupled audio driver. I.F. transformer and oscillator coil pre-tuned. 4" PM speaker; built-in ferrite loop antenna. With instruction book, phone jack, nipple-type earphone. Size 7% x 51% x 23%". Ship. wt. 21% ibs.

Order No. 45DX109F

in this title this year. With return-I lettermen Dwight Moody '59, ouis Nelson '59, Bob Voight '59 and artin Zimmerman '59, they should quite well against their toughest ponents, namely, Army, Navy and SCGA. A great boost to the team his year should be returning rifle-¹²ⁿ Don Vaughn '59 and Dan khwartz '60.

Coach Bigham is no newcomer to he rifle team. Last season he was ssistant coach under Army Master ergeant Robert Mattson. Having freat material to work with this sinter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

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Waring and his fabulous orches-

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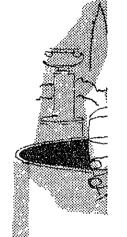
Schedul

With the first flal week, there was a f activity at MIT as six freshman interc prepared for the win letic Director Richar nounced that these B compete in 158 eve forthcoming month sports fans will get ness much more ac were able to view th there were only thi three yearling teams

Both basketball arthis week. The pucks tomorrow afternoon while the cagers, fi Wednesday evening:

Harrier (

Bob Mullen '60 and were elected co-capta cross country team at country awards dinne Both were consistent for this year's harrie captain of the 1958 hil has lettered twice in 1 is also a double letter



How vu people w ... neighbor held in h in love seen Peo rare and

The day distraugh offhand, to order kind of l fashional hard to c round be Gunsby & were sud-

of beer!" Two orch when Pea songs tha way thro found Gu. out over his name. and the p

topped h spilled to lay froze Peony sa

word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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RICHARD RODGERS on the organ:

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Still, Getting To Know You, Blue Moon, Oh What A Beautiful Morning

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My God To Thee, Jesus Lover of My

Soul. My Faith Looks Up To Thee,

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DEM played by organist Jesse Craw-ford includes The Lost Chord, Ave

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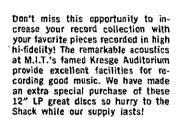
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THE CHICAGO COLUMNAL AND GLAS wrestling, there is a serious lack of lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123-Ib. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freebe the Beaver grappler. man '61, a mainstay of last season's

manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Eco nomics Department, "Industrial, Gov ernment, and Private Organization involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT to help. Donation containers distribute during their drive to stores in the area must be collected Saturde December 6. If interested in helpincontact TCA, Ext. 885.

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big Y-D bits including to A Sen-

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briefly, 12 big sentimental stand-

ards that'll make you yearn to dance.

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Have Is Yours, Indian Love Call and

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Day and 11 other hits such as The

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VENIR ALBUM: Paper Dolf, I'll Be

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7 three returning

y '61, like Saad otian courts, has h game in MSRA Pennypacker '60 , the two remainld be able to use ; eight and nine the needed depth wing against the

Win

ol team continued s in the Greater ie by topping Sau-; before Thanksrange. With two ir belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. 30 was second for i6. Shooting 250's aels '61 and Den-

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khwartz '60.

in this title this year. With return-I lettermen Dwight Moody '59, Mis Nelson '59, Bob Voight '59 and lartin Zimmerman '59, they should quite well against their toughest Ponents, namely, Army, Navy and ISCGA. A great boost to the team is year should be returning rifleen Don Vaughn '59 and Dan

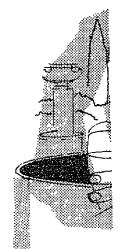
Coach Bigham is no newcomer to he rifle team. Last season he was ssistant coach under Army Master Nergeant Robert Mattson. Having great material to work with this inter, he should produce a top team.

Briggs Field.

Both basketball an this week. The pucks tomorrow afternoon while the cagers, fr Wednesday evening r

Harrier (

Bob Mullen '60 and were elected co-captai cross country team at 1 country awards dinner Both were consistentl for this year's harrie captain of the 1958 hill has lettered twice in tl is also a double lettern



How vul people wl neighbor. held in hc in love w seen Peor rare and '

The day distraugh' offhand, ' to order s kind of b fashionabl hard to ca round bec Gunsby si were sudd of beer!" h

Two orch€ when Peoi songs that way throu found Gu... out over t his name.] and the p topped hi spilled to t. lay frozen Peony said

word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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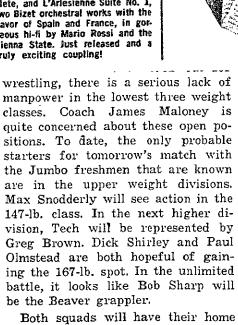
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RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping, confact TCA, Ext. 885.

Page 5

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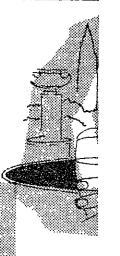
ol team continued s in the Greater te by topping Sau-; before Thanksrange. With two r belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. io was second for 6. Shooting 250's aels '61 and Den-

Both basketball an this week. The pucks tomorrow afternoon while the cagers, fr Wednesday evening r

Harrier (

Bob Mullen '60 and were elected co-capta: cross country team at 1 country awards dinne: Both were consistentl for this year's harrie captain of the 1958 hill has lettered twice in t is also a double letteri



How vul people w. neighbor held in he in love w seen Peor rare and The day distraugh offhand, to order s kind of b fashionab hard to ca round bec

Gunsby s were sudo of beer!" Two orche when Peo songs that way throu found Gui out over t his name. and the p topped h spilled to t lay frozer Peony sai

word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob



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JAZZTONE J-1224: PIONEERS OF BOGGIE WOOGIE Jimmy Yancey puts heart and soul into 7 boogle numbers including the fabulous combination of Death Letter Blues and Midnight Stomp. Cripple Clarence Lofton, a fantastic personality gives an un-restrained and unusual playing of 7 numbers that really move, man!

JAZZTONE J-1230: STAM GETZ YOU OF the "cool school" get with Getz, top tenor sax man of the 50's, and give a listen to 12 terrific Getz showpieces, including Split Kick, Tootsie Roll, Mosquito Knees, For Stompers Only, etc.

JAZZTONE J-1218: LESTER YOUNG and Chu Berry are the featured tenor saxes in this original Commodere 14-hit session with Clayton Eldridge, Bushkin, and real REAL

MGV-8241: RUBY BRAFF OCTET WITH PEE WEE RUSSELL and BOBBY HENDERSON, Features three sensational numbers by the Ruby Braff Octet: It Don't Mean A Thing, These Foolish Things, Oh! Lady Be Good and four superb plano solos by Bobby Henderson; Honey Suckle Rose, Jitterbug Waltz and others, Top trumpetry!

MGY-8238: GIGI SRYCE, DONALD BYRD Jazz Lab., and CECIL TAYLOR Quartet! A beautiful package of ultra modern progressive jazz! Gryce-Byrd Jazz Lab plays Splittin', Bat-land, and Love For Sale; Taylor Quartet performs fabulously Johany Come Lately, Nona's Blues,

MGV-9237: DON ELLIGTT, EDDIE COSTA, BILL EVANS, ROLF KUHN, MAT MATHEWS and others all fea-Songs: I Love You, S'Wonderful, Taking A Chance On Love, I'll Remember April, and many others.

wrestling, there is a serious lack of

manpower in the lowest three weight

classes. Coach James Maloney is

quite concerned about these open po-

sitions. To date, the only probable

starters for tomorrow's match with

the Jumbo freshmen that are known

are in the upper weight divisions.

Max Snodderly will see action in the

147-lb. class. In the next higher di-

vision, Tech will be represented by

Greg Brown. Dick Shirley and Paul

Olmstead are both hopeful of gain-

ing the 167-lb. spot. In the unlimited

battle, it looks like Bob Sharp will

openers next Friday night at the

Rockwell Cage with Wesleyan.

Both squads will have their home

be the Beaver grappler.

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JAZZTONE J-1210: SWINGING WITH RUBY BRAFF, top trumpeteer, with a band of his own selection, in a medley of 10 great numbers includ-ing I'll Never Be The Same, Only A Biues, Love Me Or Leave Me, Deep River, I'm Shooting High, 'Deed I

JAZZTONE J-1225; MEET BUCK CLAY-TON. Suck paces a group of top instrumentalists thru an album recorded in Paris to bring Parisians a sampling of great American jazz, Some of the tunes: West End Blues, Wrap Your Troubles In Dreams, Lazy River, Swingin' With Mezz (Mezz Mezzrow).

JAZZTONE J-1229: MAXINE SULLIVAN singing an album entitled FLOW GENTLY, SWEET RYHTHM, supported by members of the original JOHN KIRBY BAND! Don't miss this one! Includes Rose Room, Molly Majone, Loch Lomend, A Brown Bird Singing, and 7 more.

STORYVILLE STLP-914: ZOOT SIMS QUINTET Features Sims (tenor sax), Bobby Brookmeyer (valve trombone), Hank Jones (piano), Bill Crow (bass) and Jo Jones (drums), The quintet gives with the sounds supreme on all-time greats such as Snake Eyes, Box Cars, I Can't Get Started With You, Luliaby of the Leaves, and

STORYVILLE STLP-515: JACKIE & ROY Sing! Baby Sing! Jackie sings and Roy plays in a "people are wonder-ful" mood. Twelve songs here will convince you, they're the greatest together since pie and ice cream! STORYVILLE STLP-916: WOMEN IN

IAZZ Six of the great ladies in jazz presented at their very best - Lee Wiley, Mary Lou Williams, Milli Vernon, Teddi King, Toshiko and Jackie Cain. Women in jazz? Yeah man! STORYVILLE STLP-917: LEON SASH

QUARTET The jazz accordion. Modern sounds in jazz, strikingly mixed by Leon Sash. Nine memorable selections include Sash-ke-bob, Lul-laby of Birdland, Deep Purple, and Can't Get Started.

STORYVILLE STLP-918: TOSNIKO Ner Trio, Her Quartet. This gal plays with newly-found enthusiasm, old standards or originals, all have the Toshiko touch - Salute to Shorty, Taking a Chance on Love, All The Things You Are, No Moon at All, and 4 more selections. OLY POSE STEEL STEEL STEEL

SON'S Baston Story. The Dickenson trombone, with George Wein (plano), Jimmy Woode (bass), and Buzzy Drootin (drums) swing in A Sentimental Mood, Lover Come Back to Me, All Too Soon, Vic's Boston Story and 8 more tunes.

STORYVILLE STLP-902: SIDNEY ET Jazz at Storyville. Bechet Vic Dickenson, trombone; Drootin, drums; Jimmy Woode, and George Wein, plano, give the mellow sounds at an on-los recording at Boston's Stor Bugle Blues, C Jam Blues, Rhythm, Lady Be Good, etc. STORYVILLE STLP-903: TEDDI SINGS This gai "sings" man how. A dozen jazz tunes, inci-Fools Fall in Love, This is Al You Turned the Tables on Me STORYVILLE STLP-905: JOE NEW TRUMPET and the boys maste mood of melody in this cool c tion of 10 "sides" including Ea the Sun, My Blue Heaven, King and Joe's own I Feel Like a New STORYVILLE STLP-906: MES

ROUND IN MONTMARTRE with Lou Williams (piano), Don (tenor sax), Alvin Banks (bass Dave Pochonet (drums) and on flin side we have Alix Combal Son Orchestre avec Buck Cia The sidemen are French, but trumpet is Clayton, all the way STORYVILLE STLP-SOT: ZOOT SI BORBY DROOKMEYER Tonite's Today. You've heard Barn recite Hamlet, and seen Padance, now hear Zoot Sims sin-blues . . . 8 great jazz select including Zoot's Tune, Blue S and Blues.

STORYVILLE STLP-SOR: RUBY B Hustlin' and Bustlin' with the trumpet sound. A mad mixtur moods, 10 in all, from the s bang Ad Lib Blues to the m When It's Sleepy Time Down So STORYVILLE STLP-909: PEE RUSSELL We're In The Money, is ing the Russell clarinet, Wild Davison (trumpet) and Vic Dicke Lulu's Back in Town, Sweet Geo Brown, Sugar, Sweet and Low seven other swinging sides. STORYVILLE STLP-910: INTRODU MILLI VERNON a great lady of

Sings with a mood subdued and tensely moving. Milli mingles Moon Ray, Blue Rain, This Y Kisses, Moments Like This more. STORYVILLE STLP-911: LEE WE

SINGS and ELLIS LARKINS Piano Solos.

STORYVILLE STLP-911: LEE WI SINGS and ELLIS LANKING F. Piano Solos in Duologue, Miss F. sings 8 Rodgers & Hart songs a husky, erotic warmth here and Ellis Larkins' piano solos in punctuate these charming most of music.

STORYVILLE STLF-912: THE TOO TRIO Toshiko at the piano, Eda Thigpen on the drums and Chamber, bass, present 9 nitys bers in Toshiko style. Included Between Me and Myself, Manh Address, Kyo-shu (Nostalgia) -3 other Toshiko originals.

STORYVILLE STLP-913: ELLIS KINS IN AN ELLINGTON MODE are 11 Ellington classics superbly by Ellis Larkins, Indiane the great Mood Indigo, I'm ginning to See the Light, Sa ticated Lady, and others.

JAZZTONE J-1209: BILLIE HA inally recorded at the peak career: I Gotta Right To Sing Blues; Lover Come Back To Mc braceable You; 14 in all d choicest, most poignant bi The best LP she's ever made ing to this reporter!

SPECIAL! TWO 12" LP BAND RECORDS! Reg. \$7.95 for 2



Military music in superb ffrr and Regent hi-fi — bo LP records, both reg. \$3.98 than the price of one! IN MG-SO21: EDWIN FRANKO 65 Band Marches — 9 of them, by the Goldman Band! And L BAND OF THE GRENADIES playing Hoist's First Suite f tary Band plus works by Ros sell, Wood; this is a recent ffrr release and one of th band disks we've heard about wt. 2 lbs. R-6021/1622

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping. contact TCA, Ext. 885.

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2.25 1.26 1.10 95 4/65 2.27 1.98 45 2.36 2.29 1.13 93 2.85 3.32 1.15 93 2.85 60 1.40 38	6A V 3.55 1.50 1.74 1.56 BA V 3.55 1.00 1.74 1.56	6DS5 2.65 1.48 3.40 1.17 6DT6 2.15 1.76 7.05 .95 6DT8 3.75 7.10 1.84 1.65	7E7 3.65 5.04 5.79 1.61 7E8 4.60 7.58 2.25 2.02 7G7 1.00 2.24 6.96 1.76 7147 3.90 2.18 6.91 1.72	12J.GT 270 131 132 119 12J7GT 420 2.35 206 1.85 12J8 3 3.30 1.85 1.62 1.45	90 2.90 1.62 1.42 1.28 83 3.50 1.96 1.72 1.54 84,624 2.70 1.51 1.32 1.19
2.85	GAZZOT 2.65 [1883] 36 147/ GAZZOT 52.95/20/65/14.45/20/66/20/66/20/20/20/20/20/20/20/20/20/20/20/20/20/	6E5 3.00 1.68 T.47 132 6EA8 3.20 1.79 1.57 41 6EB8 3.70 2.02 1.81 133	7H7	12k5 1375 134 135 121 12k7641 1405 237 198 148 12k8 1475 266 233 209	177L7GT/117M7GT 10.15 5.68 4.97 4.47 117N7GT 9.30 5.21 4.56 4.09
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this title this year. With returnlettermen Dwight Moody '59, is Nelson '59, Bob Voight '59 and rtin Zimmerman '59, they should quite well against their toughest onents, namely, Army, Navy and IGA. A great boost to the team year should be returning rifle-Don Vaughn '59 and Dan

wartz '60. Jach Bigham is no newcomer to rifle team. Last season he was stant coach under Army Master eant Robert Mattson. Having t material to work with this er, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire. and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

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BELL TELEPHONE COMPANIES

Schedul

With the first flak week, there was a fl activity at MIT as six freshman interc prepared for the win letic Director Richar nounced that these B compete in 158 eve forthcoming months sports fans will get ness much more ac were able to view th there were only thr three yearling teams

Both basketball an this week. The pucks tomorrow afternoon while the cagers, fi Wednesday evening 1

Harrier (

Bob Mullen '60 and were elected co-capta cross country team at country awards dinne Both were consistent for this year's harrie captain of the 1958 hil has lettered twice in t is also a double letter



How vu people w neighbor held in h in love v seen Peo rare and The day distraugh offhand, to order kind of 1 fashional hard to c round be Gunsby s were sudof beer!" Two orch when Pec songs tha way thro found G. out over his name.

and the

topped I:

spilled to

lay froze

Peony sa word was a silver bell sounding a note that no one else had ever heard before. "Good heavens," Gunsby said, "this isn't

my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away. "How sad," Peony said lightly, taking a golden glass of

Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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available today! Complete (nothing to build) unit requires NO INTERCONNECTING WIRES — connects directly to any outlet of any common 115 VAC line — tune your radio into your private listening frequency. All noises and sound in vicinity can be picked up and transmitted thru any existing home, car or portable radio (even battery-operated radios!). Completely movable. Take it anywhere — at home, neighbors, vacations. Specs: two tubes — 12BA6, 12AT6 plus selenium rectifier, Gen'l. Elec. NE2 pilot lamp, sensitive microphone, decorator-styled MAHOGANY CABINET 8½" w. x 3½" h. x 6½" d., grille cloth. PARTS ALONE SELL FOR OVER \$10.00 — so you couldn't built it yourself for less than Radio Shack's fantastic price. Order No. RX701 Ship. wt. 4 lbs.



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RADIO SHACK CORP. - Page 24

AMERICA'S 3 TOP **MANUFACTURERS**

1200 Ft. ACETATE \$

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Dust-proof, heavy gauge steel chest holds (welve / cans and reels of 8mm film or 1/4" recording tape! Metal dividers with index panel keep reels Al-WAYS IN ORDER! Prano-hinged lid closes tightly with double safety catches; folding fraudle for easy carrying. Gray enamel finish: Ship, wt. 5 lie.

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★ With 6lass.

Terrific Savings on this hand-some and handy Sessions Switch Timer. 15 A. micro-switch rurns radio or appli-

pre-set time within 12 hour period. 3½," sq. face with numerated bezel, glass, knobs. Wt. 1½ lbs.
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Bezel, Knobs.

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★ Tests Timing ☆ Recording Level ☆ — 10 db Record Level ☆ Head Alignment ☆ Fine Alignment ☆ Signal-to-Noise

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A85

Tiny 1% x %" hideaway size for use with recorders, P.A., interviewing hidden mile assured P.A., interviewing, hidden mike systems. Includes individual sensitivity report for 200, 1000, and 3000 cps, extra-long 15-ft, cable, swivel alligator clip.

NEW! DUAL IMPEDANCE HI-FI DYNAMIC MIKE!



★ Dual-impedance 50,000 or 250 ohm ★ Hi-Fidelity Range 40 to 13,500 cps ★ Output — 56 dh ★ With Hickel-Plated Swivel Cradle



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NEW, amazing, exceptionally high quality microphone is a mere 4% long and averages 34 diameter; has a net weight of a breath-taking THREE OUNCES. Hi-fi 50-10,500 cps response! Includes 10 feet of cable, novel stand attachment to allow full 180 tilt from straight down to straight up! In addition it is 100% detachable for hand-mike use. We have NEVER seen a mike of this caliber sold for even TWICE our low price, yet this all-metal TV-gray and chrome miniature is everything anyone could desire in a crystal. NOTE: includes handwritten frequency check at 300, 1000 and 3000 cps.

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30,000 ohms at 1,000 cycles

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GUITAR LOWEST PRICE IN THE WORLD!!

Quality Alnico V MAGNETIC TYPE For Finest Tonal Effects!

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

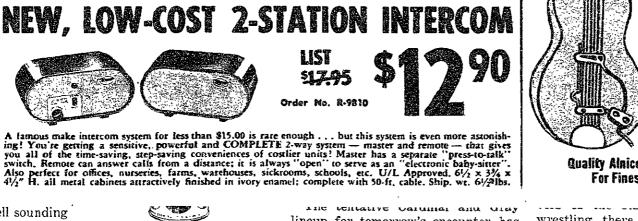
Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

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for special tonal effects. High impedance contained type microphone mounts easily under strings. It is signed for guitars with "F" holes. Separate rolument to meet any performance or recording requirements. The separate performance or recording requirements of the separate permits meet any performance or recording requirements. Special harness permits microphone position varied with ease during a number for special fects. Supplied complete with harness, 7½ ft. with standard phone plug attached. Ship. wt. 3 Order 810. R-6228

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday, December 6. If interested in helping, contact TCA, Ext. 885.



been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts

yearling aggregation, will compete in

the 167-lb. class. Moving up, Bob

lineup for tomorrow's encounter has grappler in this class. Reed Freeman '61, a mainstay of last season's

RETARDED CHILDREN

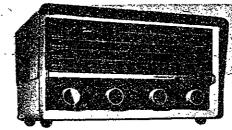
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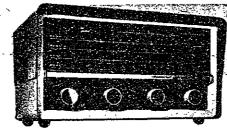
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FAMOUS QUALITY RECEIVER FOR LISTEN-ING TO SHORTWAYE FROM AROUND THE

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ARCHER HI-FI CRYSTAL HEADSET FOR

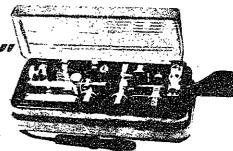
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Coach Bigham is no newcomer to

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Edwartz '60.

Agabuce Course

includes such formidable opponents in this title this year. With returnas Boston College, Army, Bates Col-🖟 lettermen Dwight Moody '59, lege, University of New Hampshire, ouis Nelson '59, Bob Voight '59 and and University of Connecticut, the Partin Zimmerman '59, they should team can be expected to steadily imquite well against their toughest prove under the tutelage of their Ponents, namely, Army, Navy and new mentors, Art Farnham and Al SCGA. A great boost to the team is year should be returning rifle-

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

3 valuable radioman's units for station operation! See includes junior Key (described above), Code Buzzer and Battery. Complete and ready for code practice! You'll have fun learning the morse code and becoming a ham radio operator! Send for YOUR SET NOW! Order Me. 2-2370 Ship. Wt. 11/2 lbs. SAVE \$150! NEW "JR." SALE! HIGH-FREQUENCY

-\$5:00 Value

• Runs off 11/24 Battery-Others require 3V Only! Loud and Steady Signal even at 1½ volts!

Lowest price in the USA!

KEY, BUZZER, BATTERY CODE SET



\$2.50 VALUE

LOWEST COST TELEGRAPH KEY AROUND! Excellent for beginner and code practice! Use with Radio Shack's new High Freq. Buzzer described in this fiyer! Well-built, smooth-acting key has brown molded bakelite base and knob. Spring bearings, simple adjustments. Holes for mig. All machine parts nickel-plated. Coil silver contacts, Imported at phenomenal saving!?

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Excellent for gifts! NATIONALLY-ADVERTISED quality found in Radio Shack's new High Frequency Buzzer! Very effective low-cost buzzer can be used with Radio Shack's new Skillman hand keyz advertised elsewhere, as well as with E. F. Johnson Speed-X keys! Designed as a quality unit for ham's code equipment, and equally ideal for code practice! Ample volume for several listeners! Screw adjustment provides a ariable tone. ariable tone. Order No. R-6278 Skip. wt. 5 cz.

CODE PRACTICE BUZZER

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 FOUR BALLBEARINGS for easy, veivet action!

RADIO SHACK continues its Lower-Your-Cost-Crusade with the all-new Skillman Senior standard relegraph key! Precision built to our Skillman specs. Excellent for code practice and for use with transmitters. Heavy die-cast base finished in black wrinkled enamel. Smooth adjustable ball bearings. 1/2" pure silver contacts. Includes adjustments for contact spacing and tension. Provision for plugging in semi-automatic keys when desired.

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TS-13 TELE. HANDSET **MOBILE CARBON MIKE!**

If you know mikes, you'll instantly recognize the fabulous TS-13 Army telephone handset as a tremendous STANDARD CARBON BUTTON MIKE FOR MOBILE STATIONS! Complete with 6-ft. cord with PL-55 and PL-68 plugs, 200 ohm carbon mike, built-in butterfly switch (push-to-talk), rugged black phenolic housing like conventional phones. BRAND NEW, suffix E model. Individually boxed.

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BELL TELEPHONE COMPANIES

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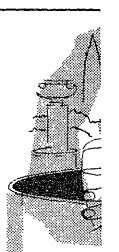
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ANYPLACE! ANYTIME ELECTRIC

Ideal for Blizzard-Hurricane-Storm Power Failures

GENERATOR SPECIFICATIONS: self excited, inherently regulated, revolving armature type.

drawn copper, with mica insulation. AC rings molded in high dielectric material.

Excellent AUXILIARY POWER STATION for Farms, Camps, Suburbs!

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1000 WATTS

1250 Watts Intermittent

PROTECTS HOME Against

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Operates oil burner, food freezer, lights,

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Operates electric drill, saw, power tools in workshop, garage, farm!

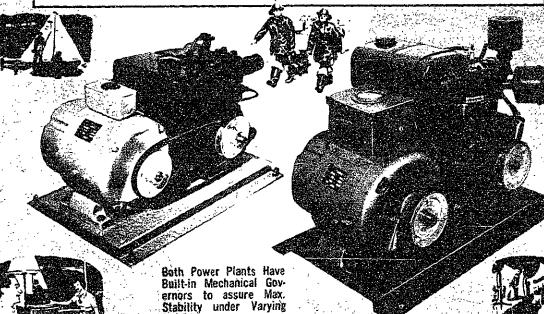
ergencies!

21/4 HP

\$12 Down, \$10 Monthly

- Briggs and Stratton 21/4 Hp Engine #68
- 1000 Watt Generator
- Pulley Belt-Steel Base

Ship by Express 165 lbs. Order No.RX-MF86



Above includes Briggs & Stratton #68. Both power plants have built-in governors to assure max, stabil-

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1000 watt, 115 VAC Generator

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in governor.

Ship, wt. 56 lbs.

Above includes Clinton engine #1200 with Timken

ballbearings, voltmeter, duplex switch. With built-

115 Volts AC, 60 Cy. FAMOUS MFRS BRAND NEW FROM FACTORY

Low Down Payments Easy Monthly Plans!

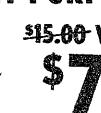
2250 Watts Intermittent

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- Clinton Engine
- 4 Hp Engine #1200
- 2000 Watt Generator
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USE WITH ENGINE OR MOTOR MULTI-PURPOSE, VERSATILE PUMP!



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NEW LOW COST PUMP FOR YEAR ROUND USE, EMERGENCIES ... FOR

- Draining Basements! Laundry Trays! Irrigation of Brook Water on Property!
- Cesspools Pumping Out of Well! Washers in Basement! Attic Tanks!

RADIO SHACK'S famous make pump for transferring or circulating water and all types of clear liquids if PRICE EVERYONE CAN AFFORD! Can be used anywhere, in any position—anyplace water water is available in city, country, farm, camp. May be used above, below water surface or submerged in ground. It's limp and easy to use—anyone can install it (complete with instructions.)
PUMP IS ALL METAL CONSTRUCTED for durability, will never rust. Oiled for life with no work of lubricating negligence. Can be belt driven or direct motor connected with flexible coupling. However, the submerged in ground in the submerged in ground in the submerged in ground. However, the submerged in ground is 1500 gals, per hour. 5-ft. high. Has positive sludge clearance of sand, dirt, oats, corn. Indicating it is 1° plastic hose. OTHER SPECS: packing gland, replaceable bronze and thrust bearings, stainless steel shaft, 3/2° discharge.

Order No. R-MFPP Ship. wt. 10 lbs.

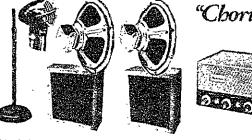
NEW RADIO SHACK P.A. SYSTEMS AT FABULOUSLY LOWER PRICES! 🖈 All Brand New Packaged Systems — 1st in U.S.A.! 🔻 🔏 🥫 📧 ★ All Systems Designed for Effective P.A. Use!" ★ Complete With Famous Mfr's Equipment plus Radio Shack's own Realistic and Archer Brands!

Bogen CHA-10 Amplifier Oxford 8FOS Speakers Realistic Custom Baffles 7.90 * Astatic JT-30 Microphone 10.82 Reg. Individual Unit Cost \$65.62

EFFICIENT 10-watt public address system is ideal for all paging requirements where cost has to be kept at 2 minimum. The CHA-10 has wide range response of 30 to 15,000 cps and the Oxford 8-inch speakers have heavy 3.16 oz. magnets.

Order No. 33CCX000Y Ship. wt. 20 lbs.

\$6 Down, \$5 Monthly



"Chorister",

P. A. 33-WATT INDOOR

★ Bogen CHA33 Amplifier 2 Oxford 12JBS-7 Speakers A Astatic JT-30 Microphone ★ 12" Speaker Wall Baffles (2)

Economical Radio Shack public address system easily handles practically every indoor requirement. The two Oxford heavy-duty speakers are mounted in handsome wall baffies. Includes 25-ft, cable to each speaker. Microphone is complete with desk and Atlas MS10C floor stands. Designed for average school auditorium, church hall, most public assemblies.

"Carillon" 75-WATT SYSTEM

★ Bogen CHA75 75-Watt Amplifier Three University PH Horns

as above, but with four 12" Oxford 'Carillon Ir.' speakers in wall baffles in place of horns. For indoor

\$17 Down, \$12 Monthly

lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob ★ Horns Complete With Drivers Astatic JT-30 Microphone

75 warts of power for outdoor applications where maximum efficiency is mandatory. With desk, floor stands; 100-ft. cable. stands; 100-ft, capie.
Order No. 33CX892Y CARILLON, Ship. wt. 104 lbs.
Net \$199.50

\$20 Down, \$13 Monthly

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

Different facets of the space age will be discussed Tuesday, December 9, in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for during their drive to stores in this contact TCA, Ext. 885.



open to the public.

help. Donation containers distributed area must be collected Saturday. December 6. If interested in helping,

\$17 DO-IT-YOURSELF ANTENNA

WEAL FOR campers

fishermen

Carpenters

Boatsmen

Rikers

Bo-it-yourselters

Cost Uncle Sam: \$10-

U.S. Navy 4 LENS GOGGLES

CAMPING BOATING

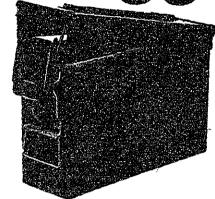
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CASE

- 1. CLEAR lens (with green below) for anti-glare protection!
- 2. LIGHT GREEN lens for normal glare protection! 3. DARK GREEN lens for brilliant glare protection!
- 4. RED lens for adapting the eyes for night vision!

U.S. AIR FORCE 16-POCKET RUGGED 20-GA. STEEL!





Gov't Cost-\$10

For Campers!

Fishermen!

with emergency

upplies Cost Uncle 54-

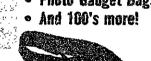
yone in the car, have one with you at all times, dysize. Has 3 snap pockets. Contains basic items margencies. Can be hooked onto any belt for

These brand new GI Ammo Boxes make terrific tool boxes, or carriers for fishing tackle, sporting goods, shoe shine equipment, etc. Even makes personal size "cooler" for beverages. Made of rugged 20 ga. steel, they measure 10" x 7" x 4". Sturdy

cacrying handle. Order No. R-6912 Ship. wt. 5 lbs.

CARRY-ALL

- For School Books · Campers! Hikers!
- Field Engineers Photo Gadget Bags





Handy Carry-All Bag has convenient shoulder carry-ing strap, and waist strap. Ideal for gadgets, tools and such. Rectangular shape. Has sturdy snap fasteners.
Order No. R-6915 Ship. wt. 2½ lbs.\$1.00

FISHERMEN'S FLIES AT LOWEST GIFT PRICES! ALL FAVORITES!

WITH DIAL-A-FLY CASE



POCKET SIZE box holds 12 of the fishing is most famous flies. ANT, FANWING HMAN, SILVER DOCTOR, UMPQUA SPEand GRAY WULFF — all band made to 12 detail and full color on No. 10 tempered



IN CASE

HAND MADE to exacting details demanded by fishing experts. Finest materials used (including silk) to make these favorites known to Fly Fishermen the world over. Includes: YELLOW SALLY, UMPQUA SPECIAL, famous FANWING, COACHMAN which are time-proven for full creeks. Order No. R-10020 5hip. wt. 1 lb.\$1.69 set

DROP-FORGED CAMP AXE SALE

this title this year. With returnlettermen Dwight Moody '59, is Nelson '59, Bob Voight '59 and tin Zimmerman '59, they should quite well against their toughest onents, namely, Army, Navy and CGA. A great boost to the team year should be returning rifle-Don Vaughn '59 and Dan

wartz '60. each Bigham is no newcomer to rifie team. Last season he was stant coach under Army Master seant Robert Mattson. Having it material to work with this ter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

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More TV for less money with Radio Shack's brand new low-cost, famous manufacturer's stacked conical antenna! Kit is engineered to set up antenna in min-ures — without tools! All aluminum elements for best signal pick-up.

COMPLETE

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Full \$15 Saving

SINGLE CONICAL Complete as above with single conical for Reg.-\$11 metropolitan areas Order No. RK9002 (Ship. wt. 4 lbs.)\$4.79

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Fabulous J-F-D "Satellite Helix" with 28 reinforced working elements!

Actually flattens mountains and shrinks the miles for superlative TV reception even in deep fringe areas. This one works where others fail! Powerful 15" aluminum dowel reinforced elements, six ½" seamless elements, double U-bolt assembly, double 1" tubular boom brace, unbreakable Kralastic-B insulators! Gives 35% greater gain across the VHF band! Order No. 29DX920YF Ship. wt. 12 lbs.\$32.50

SPINNING GEAR



Antenna Riot! **FAMOUS TRIO** Silver-V Reg. \$7.99 or Window: 10 for \$7.99

FIBERGLAS SPINNING ROD

61/2 Foot -Two Piece

\$5.00 Value

A wonderful all-around Spinning Rod at a typical RADIO SHACK economy price. 2-piece solid Fiberglas construction with Stainless Steel spinning and tip top guides. Has 10-inch composition cork grip with adjustable aluminum reel retainer rings. Rod has nylon wrapped guides and brass joining fertules. You'll really enjoy owning this wonderful medium action spinning rod!

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BELL TELEPHONE COMPANIES

Page 5

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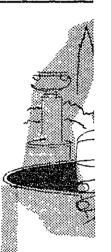
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WIRE STRIPPER-CUTTER Worth-\$1.98

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HEA VY-DUTY ¼″ ELECTRIC DRILL ★ Geared Jacobs Chuck! ★ Mirror-Finish Die Cast Case! ★ ¼" Capacity Steel, ½" Wood! ★ Factory Guaranteed For Life!

OWERFUL 1/4"

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LIST 2 to 4 TIMES our price! Assortment includes 5", 6", 7", 8" dia. blades for most popular bench and portable saws! Blades cut wood, plastic, aluminum, roofing, etc. Ship. wt. 3/4 lb.

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SCREWDRIVERS!

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Jumbo assortment handles all size screws! Magne-tized tips pick up and hold 'em. All with flame-resistant, shock-proof fluted handles. Set includes: 6" insulated shank for live circuit mork 1 2"

18-PC. HEX KEY WRENCHES!

★ 12-PC. SET

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1" 4 for 57

3 for **\$**1

Hole Teeth
1/2" Comb.
1/2" Rip
1/2" Cross
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5/6" Cross
5/6" Comb.
1/2" Rip
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1/2" Cross

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DELIVERS 100 WATTS (135 max & QUIPUT UNDER LOAD! A 4-pound fisful of dynamite in the form of a TRUE heavy duty drill that EXCEEDS the specifications indicated as essential for heavy-duty ratings in consumer reports! Full U/L approval including cord and trigger switch with locking-pin. Rugged universal series wound motor 115V AC-DC with helical cut gearing 2400 cpm no-load and 1500 cpm full load speed. This new aRCHER drill is the finest tool of its kind we have ever sold, and its price is at least \$10.\$15 less than comparable drills. Order No Rx9903 Driff with chuck: Ship wit 5 lbs.

1/2" CHUCK FOR 1/4" DRILL

RADIO SHACK CORP. -- Page 28

Order No. R-8218 Skip. wt. 20 ozs.

MULTI-PURPOSE

Genuine Top Grade ICA Circle Cutters at a Tremendous Savings. Spanking new, adjustable, individually-boxed. Tool will cut 1½" to 8" holes in sheet steel, aluminum, plastic, wood, etc. Use with drill press or hand brace. Comes complete with pilot drill, eliminating necessity for starting hole, also a 3/16" high-speed cutting bit. Order No. R-6201 Ship. wt. 11/2 lbs... \$1.49



and box ends on each for a total of sixteen Open and box ends on each for a total of statem wrenches! Provides 9 accurately broached openings. 8 strong nickel-plated alloy steel wrenches: 13/64-7/32; 7/32-15/64; 15/64-1/4; 1/4-9/32; 9/32-5/16; 5/16-11/32; 11/32-3/4; 3/4-7/16. Lengths 3" to 33/4". Pocket-size case. Ship. wt. V2 ib.

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LEATHER PUNCH: 6 SIZES!



Pierces holes (without the use of a hammer) thru

Rarely seen at this price! These hex-shaped keys permit unique applications of socket screws even in the most complex assemblies and in fine radio work! SIZES: .050" to 3/6"; long and short arms. Used on power tools, appliances, autos, heavy machinery. Hardened and tempered for wearhard surface. Guaranteed anteed. Order No. R-6220 Ship, wt. 2 lbs...... lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in

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WILSON "TINY ATOM" REVERSIBLE MOTOR

Reg._\$5.50 Complete with Brass Pinion · Works off Flashlight Batt Size 1" x 136" x 1 1/2" H. · Clear Plastic Case Speeds to 9200 RPM

"TINY ATOM" brings the world's smallest useful source of power to the hobbyist, experimenter, model builder, school, laboratory or industrial. Operates on either 1½ v. DC or 3 v. DC with speeds from 3500 rpm to 9200 rpm depending upon applied voltage and load. Motor is instantly reversible regardless of speed or load. Precision construction details include Ainico V field, wire-wound laminated steel armature, phospor-bronze brushes and brass sleeve bearings. EDUCATIONAL see its inner operation thru clear plastic case. USEFUL strong enough to power toys, small turntables, model boats, planes, accessory model RR equipment and advertising displays. Size. 1" x 1½" x 1½" H. wt. 2 oz. Has double shaft, one ½" long and one ½" long with standard 10 tooth brass pinion attached. Order No. R-7900-2

POWER DRIVE ACCESSORY KIT

Never before in our history have we seen such a deluxe set of wood carving knives at such an all-time low price! Sturdy 4½" handle fits comfortably in palm; average overall length of chisels is 5½". Ideal for wood carving and sculpturing, linoleum block printing, silk-screening, etc. Order No. R.9954 Ship. wt. 34 lb.

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LIFETIME GUARANTEED CARBIDE-GRIT SANDER

A TUNGSTEN CARBIDE GRIT * SANDS FASTER WITH LESS EFFORT * ACRIEVES SATIN-SMOOTH FINISHES Reg. \$2.88

Not an ordinary sanding block. Comes with two sanding surfaces, coarse and fine, made of diamond-hard tungsten carbide, guaranteed for life. Use on wood, plaster, plastics, wallboard, composition

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Order No. R-4998 Ship. wt. ¼ lb.\$1.69



Decimals etched on forged steel frame. Graduated to 1/1000th inch. Capacity 0 to 1 inch. Made of fine-Order No. R-5220 Ship. wt. 11/2 lbs.....\$4.95

2-CONDUCTOR AC LINE CORD

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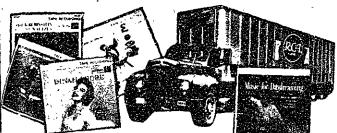
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n this title this year. With return-! lettermen Dwight Moody '59, uis Nelson '59, Bob Voight '59 and Itin Zimmerman '59, they should quite well against their toughest ponents, namely, Army, Navy and CGA. A great boost to the team s year should be returning riflen Don Vaughn '59 and Dan wartz '60.

Joach Bigham is no newcomer to rifle team. Last season he was istant coach under Army Master geant Robert Mattson. Having at material to work with this iter, he should produce a top team.

includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

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Page 5

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Action

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y '61, like Saad itian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine the needed depth wing against the

I team continued s in the Greater le by topping Sau-; before Thanksrange. With two r belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. io was second for 6. Shooting 250's aels '61 and Den-

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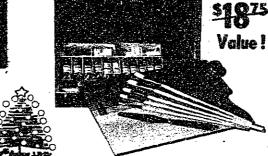
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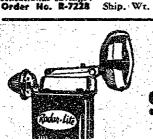
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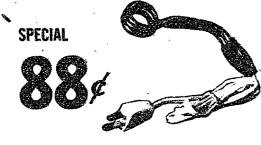
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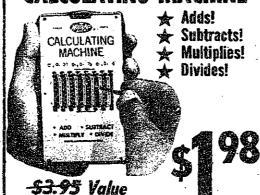
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word was a silver bell sounding a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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lineup for tomorrow's encounter has been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will

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th this title this year. With return-₹ lettermen Dwight Moody '59, mis Nelson '59, Bob Voight '59 and artin Zimmerman '59, they should quite well against their toughest Monents, namely, Army, Navy and CGA. A great boost to the team year should be returning riflen Don Vaughn '59 and Dan

Savings [

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(Name)

whwartz '60. Coach Bigham is no newcomer to h rifle team. Last season he was issistant coach under Army Master Nergeant Robert Mattson. Having steat material to work with this inter, he should produce a top team. includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

Page 5

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three returning

y '61, like Saad itian courts, has h game in MSRA Pennypacker '60 , the two remaind be able to use eight and nine the needed depth wing against the

I team continued ; in the Greater e by topping Sau-: before Thanksrange. With two r belts, the Tech-GBPL matches ts look bright for class "B" chamey copped easily

the Beavers in was team captain who fired a 262. io was second for 6. Shooting 250's aels '61 and Den-

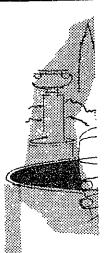
Schedul

With the first flal week, there was a f activity at MIT as six freshman interc prepared for the win letic Director Richar nounced that these B compete in 158 ev€ forthcoming month sports fans will get ness much more ac were able to view th there were only thi three yearling teams

Both basketball ar this week. The pucks tomorrow afternoon while the cagers, for Wednesday evening

Harrier (

Bob Mullen '60 and were elected co-capts cross country team at country awards dinne Both were consistent for this year's harrie captain of the 1958 hi has lettered twice in 1 is also a double letter



people w neighbor held in h in love seen Pec rare and The day distraugl offhand, to order kind of fashional hard to c round be Gunsby: were sud of beer!"

How vu

Two orch when Pe songs tha way thro found G out over his name. and the topped l spilled to lay froz€

Peony sa

word was a suver ben acumung a note that no one else had ever

heard before. "Good heavens," Gunsby said, "this isn't my Peony Warren, old boy. Never saw her before in my life!" We stood there a long moment, completely vulnerable, brought to bay by a pack of dreams. Then Gunsby made a pathetic little bow and strode away.

"How sad," Peony said lightly, taking a golden glass of Schaefer from a golden tray. "Can't we play some games now?" I stared at her, appalled by all things shallow and beautiful. After a time I found Gunsby, paddling morosely round and round on a rubber raft in his pool. He was all alone. I raised my glass of Schaefer to him and whispered, "The poor guy. The poor, vulnerable guy."

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> lineup for tomorrow's encounter has yearling aggregation, will compete in the 167-lb. class. Moving up, Bob

wrestling, there is a serious lack of manpower in the lowest three weight classes. Coach James Maloney is quite concerned about these open positions. To date, the only probable starters for tomorrow's match with the Jumbo freshmen that are known are in the upper weight divisions. Max Snodderly will see action in the 147-lb. class. In the next higher division, Tech will be represented by Greg Brown. Dick Shirley and Paul Olmstead are both hopeful of gaining the 167-lb. spot. In the unlimited battle, it looks like Bob Sharp will be the Beaver grappler.

Both squads will have their home openers next Friday night at the Rockwell Cage with Wesleyan.

Different facets of the space age will be discussed Tuesday, December 9. in a colloquium sponsored by the Political Science Section of the Economics Department, "Industrial, Government, and Private Organizations involved in the Development of Space Technology." The discussion will be open to the public.

RETARDED CHILDREN

The Greater Boston Foundation for Retarded Children has asked MIT for help. Donation containers distributed during their drive to stores in this area must be collected Saturday. December 6. If interested in helping, contact TCA, Ext. 885.

been announced. Ted Schultz '59 will represent the Engineers in the 123lb. class. Andy Bulfer '61, second in New England in the 130-lb. division as a freshman last spring, is one of the brightest spots on the roster. Another is Dave Latham '61, who was third best 137-pound frosh in NE. The 147-lb. post has not been definitely decided yet, but as we go to press, it appears that the MIT grappler will be either Jim Gross '61 or Jim Wishart '59. At 157 lbs., John Sullivan '61 will take on the Tufts grappler in this class. Reed Freeman '61, a mainstay of last season's

WINTER ATHLETIC SEASON OPENS



Intent on improving their record, the Beaver ice sextet is working hard in pre-season sessions. Above, a hard shot is stopped.

Pucksters Meet Cadets Tomorrow face Cornell, Hamilton Next Week

A big, hard checking West Point am will furnish the competition for varsity hockey team tomorrow en they open their season seeking eir first win in two years. Next ek the Beavers travel to western w York State where they'll take Cornell and Hamilton.

This year the Engineers will face bstantially the same opposition at handed them fourteen losses thout a success last winter. Hower, a few teams such as Worcester lytechnic Institute and Holy Cross, ith are more in MIT's class, have an added to the schedule.

Leading Tech's varsity aggregation l be co-captains George Peckingm '59 and William Jobin '59. orge, who has won two varsity lets and is considered the smoothest ater on the squad, will start at one ng. Bill, a very aggressive player, o played outstanding hockey last r, will probably play forward.

starting at the other wing will be erge Kirk '60, a boy with a very ong outside shot. The forward will be completed with the acrate arm of George Lermer '60. e defensive line will feature Larry rner '59, a small but aggressive nadian, and 6' 2" John Weisbuck

leaver Rifle Squad lops Six In A Row

Forecasts are very good for the MIT te team for the coming season. arine Master Sergeant James Bigm, the squad has gotten off to a at start by winning its first six ttches, downing Wentworth, Tufts, rtmouth, U. of Vermont, Harvard d St. Michaels. Outstanding in se opening contests has been reming veteran Dwight Moody '59. With four lettermen returning, is another senior, five juniors and sophomores, the team should be sophomores, the team should be threat to any squad in the New gland area. Last year the rpshooters were off to a slow start the Boston area, but showed imevement on their first road trip.

lacing sixth in the N.E.R.C.L. in this title this year. With return-is lettermen Dwight Moody '59, in this Nelson '59, Bob Voight '59 and artin Zimmerman '59, they should ¹³ quite well against their toughest ponents, namely, Army, Navy and SCGA. A great boost to the team is year should be returning rifle-Don Vaughn '59 and Dan whwartz '60.

Coach Bigham is no newcomer to he rifie team. Last season he was ssistant coach under Army Master Rergeant Robert Mattson. Having fleat material to work with this inter, he should produce a top team. '59. Sid Altman '60, another Canadian, will probably start at goalie. Paul Ekberg Back

Paul Ekberg '58 will be back to bolster the team after the fourth game. Paul, injured in the fourth game last year, missed most of the season. His eligibility has been extended and it is expected that his strong game will help pick up Tech at midseason.

Completing the roster will be Nick Alter '61, Walter Cluett '61, Barry Fergesen '60, Charles Heinrick '61, William Jarmain '61, Sidney Magee '61, David Perry '60, Herbert Priluck '59, Robert Rein '61, Dail Rhee '60, William Scanion '61, Henry Schleinert '61, James Seppala '61, and Daniel Stebbins '61.

Indoor Track Starts Next Week With BC Team Spirit Strong

Showing their strength mainly in the sprints and jumping events, the varsity track team opens its season on December 13, a week from tomorrow at 1:15 p.m. on Briggs Field against Boston College,

Five lettermen are returning from last year's squad: Captain Bill Nicholson '60, Bob Williamson '59, John Maier '59, Jim Long '60, and Nate Liskov '60. These will form the nucleus of a roster composed mainly of sophomores and juniors.

Short on experience though long on spirit, the caliber of the squad is an unknown quantity. With varsity veterans Williamson, Murray, Maier, and last year's yearling stars, Davis, McConnell, and Morrison, show its power in sprints, hurdles, and jumps. The team potential in the middle distances is unknown; its weakness will be in the long distances and weights. All of the 1000-yard runners are new to the event, while the five-milers and two-milers, all sophomores, lack varsity experience.

Esprit de corps is the watchword of the varsity group, with all of its members exhibiting the same élan which characterized the cross country team. Although their schedule includes such formidable opponents as Boston College, Army, Bates College, University of New Hampshire, and University of Connecticut, the team can be expected to steadily improve under the tutelage of their new mentors, Art Farnham and Al Sotir.

Coaches Art Farnham and Al Sotir both emphasize the fact that there is still ample room on both freshman and varsity squads, notably in frosh field events, for all those interested and willing to workout. They are available every afternoon at Briggs Field.

Outstanding Season

With nine lettermen returning, prospects for this year's MIT Varsity Fencing Team are outstanding. They hope to equal or better the '57-'58 season which was a great one. It consisted of eight victories in 10 dual meets and a second place in the N. E. Invitational Conference, In this event, MIT's Capt. Barrie Shabel '59 placed first and Sherman Karp '60 placed third in the Individual foil. Both men are returning and look forward to another outstanding tour.

Other returning lettermen who should render excellent support are foilman Jerry Yarborough '60, sabremen Larry Campbell '59, Karl Koepke '60, Joe Verdeber '60 and epeemen Joe Pedlosky '59, Ron Wempen '59 and Charles Haspel '60.

These men are being backed up by their superior fencing master, Silvio Vitale. His fencing titles include Foil, Sabre, Duelling Sword, and three weapons.

The circuit opens tomorrow with a match here at Tech against Bradford Durfee of Fall River, Mass. After defeating them last year by a score of 19-8, the Engineers look forward to an easy victory. With the strongest fencing squad ever seen at MIT, this year's duellers should have nothing short of a victorious season.

Squash Team Should Improve; Seen For Fencers Five Lettermen Return To Action

Sparked by five returning lettermen and several strong additions from last year's freshmen, the squash team this year will be "considerably improved", according to Coach Ed Crocker. The Dartmouth Indians, who trounced the Crockermen last year should not be so triumphant in the opener at Hanever tomorrow.

Farid Saad '61, of Cairo, Egypt, will take on the Indians' number two ranking intercollegiate Red Hoehn in the number one slot.

Colin Clive '60, the captain, moves from number three to number two this year. Clive, who has been gaining experience in the MSRA "A" League this season, shows considerable improvement in adapting himself from the British game. Raul Karman '61, last year's Freshman Athlete of the Year, was the number two ranking undergraduate squash player. Although this is only his second year at the game, Karman can do quite well.

Jack Klapper '61, playing number four this year, has shown improvement over more experienced players and has won several MSRA "B" League sets. Bob Hodges '60, and John Beckett '60, who will play five and six are both returning lettermen. Their chances look quite good since

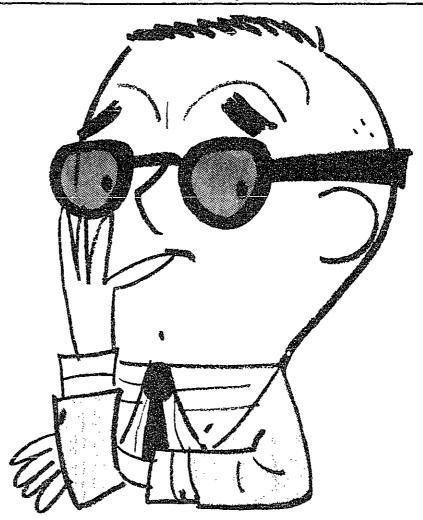
Dartmouth has only three returning lettermen.

Loutfy ElSherbiny '61, like Saad a veteran of Egyptian courts, has been playing a tough game in MSRA competition. Jim Pennypacker '60 and John Priest '60, the two remaining lettermen should be able to use their experience at eight and nine to give the team the needed depth to make a good showing against the

Pistolmen Win

The varsity pistol team continued their winning ways in the Greater Boston Pistol League by topping Saugus 1018-1006 just before Thanksgiving at the home range. With two victories under their belts, the Techmen have sixteen GBPL matches ahead, and prospects look bright for repetition of their class "B" championship which they copped easily last winter.

High scorer for the Beavers in the Saugus event was team captain Tom Remmers '60 who fired a 262. Jim Von Benken '60 was second for the victors with 256. Shooting 250's were Sheldon Michaels '61 and Dennis Kelly '60.



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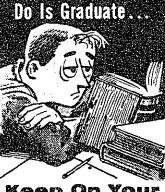
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Gear Design

Laboratory Engineering
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CORPORATION

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Debaters Attend 43 School Meet

The MIT Debating Team sent two units to the 15th Annual Invitational Debate Tournament at the University of Vermont two week-ends ago. Two coaches, Arthur Olsen and Peter O'Hara, accompanied the team.

The Varsity Unit was composed of Wayne Hayden and Richard Smith for the affirmative and Ray Wilkins and Dan Laufer for the negative. The affirmative side won four bouts and lost one, while the negative split with a two-three score.

A novice unit with an affirmative team of Philip Hauptman and James Ross and a negative side of Francis Berlandi and Bernard Khoury competed in a Novice Meet. The affirmative team won three and lost two; the negative had two wins and three losses.

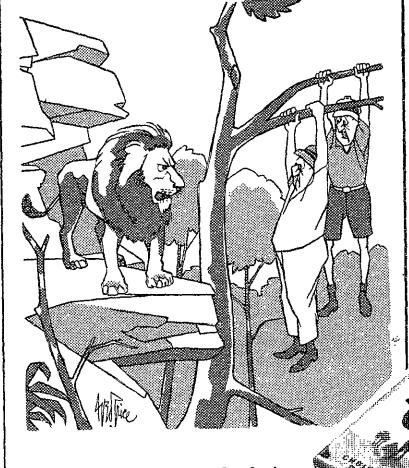
The Varsity with their six-four record, placed 14th out of 43 schools, while the Novice Team tied for 18th place out of the 37 schools.

The subject of the debate was the standard topic of the year: Resolved: that we should prohibit the further development of nuclear weapons by international agreement.

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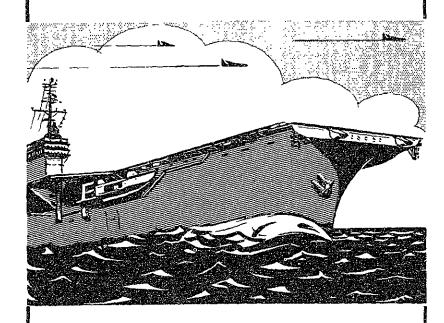
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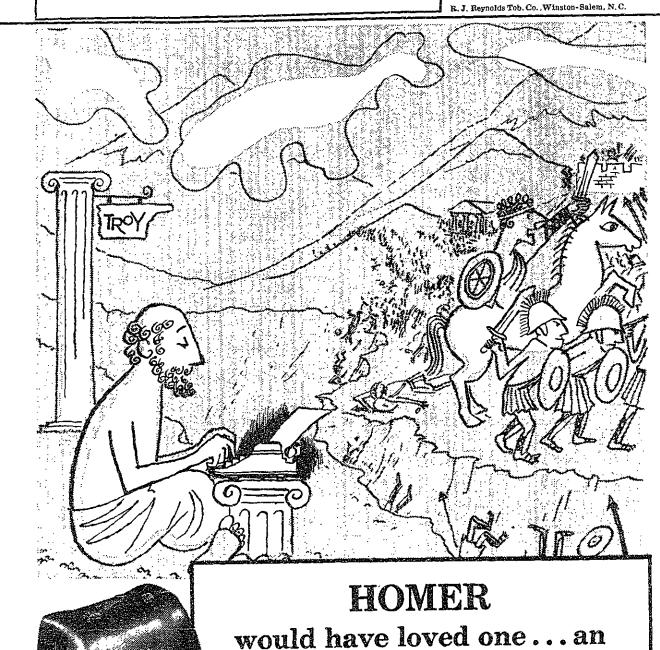
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INTERVIEWS

DECEMBER 8

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